

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1995

001

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-71416
TYPE OF WELL <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> MULTIPLE <input type="checkbox"/> OIL WELL GAS WELL OTHER ZONE ZONE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR QEP UINTA BASIN, INC.		7. UNIT AGREEMENT NAME STIRRUP UNIT
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		8. FARM OR LEASE NAME, WELL NO. SUBW 14M-7-7-22
Contact: Jan Nelson E-Mail: jan.nelson@questar.com		9. API WELL NO. 43-047-36136
Telephone number Phone 435-781-4331 Fax 435-781-4323		10. FIELD AND POOL, OR WILDCAT Horse Shoe BASIN WASH 630
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 62888Y 776' FSL 2336' FWL SESW SEC. 7 40.220898 At proposed production zone 4453165Y -109.485233		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC 7 T7S R22E Mer SLB
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 20 + / - FROM VERNAL, UTAH		12. COUNTY OR PARISH Uintah
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 776' + / -		13. STATE UT
16. NO. OF ACRES IN LEASE 1256.26		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft 4000' + / -		20. BLM/BIA Bond No. on file ESB000024
19. PROPOSED DEPTH 14275'		23. Estimated duration 10 days
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 5087 GR		22. DATE WORK WILL START ASAP
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Jan Nelson Name (printed/typed) Jan Nelson
TITLE Regulatory Affairs

RECEIVED
NOV 30 2004
DATE OF November 26, 2004
DIV. OF OIL, GAS & MINING

(This space for Federal or State office use)

PERMIT NO. 43-047-36136 APPROVAL DATE _____
Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon
CONDITIONS OF APPROVAL, IF ANY:
APPROVED BY Bradley G. Hill TITLE ENVIRONMENTAL SCIENTIST III DATE 12-09-04

*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Federal Approval of this
Action is Necessary

CONFIDENTIAL

T7S, R22E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, SUBW #14M-7-7-22, located as shown in the SE 1/4 SW 1/4 of Section 7, T7S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

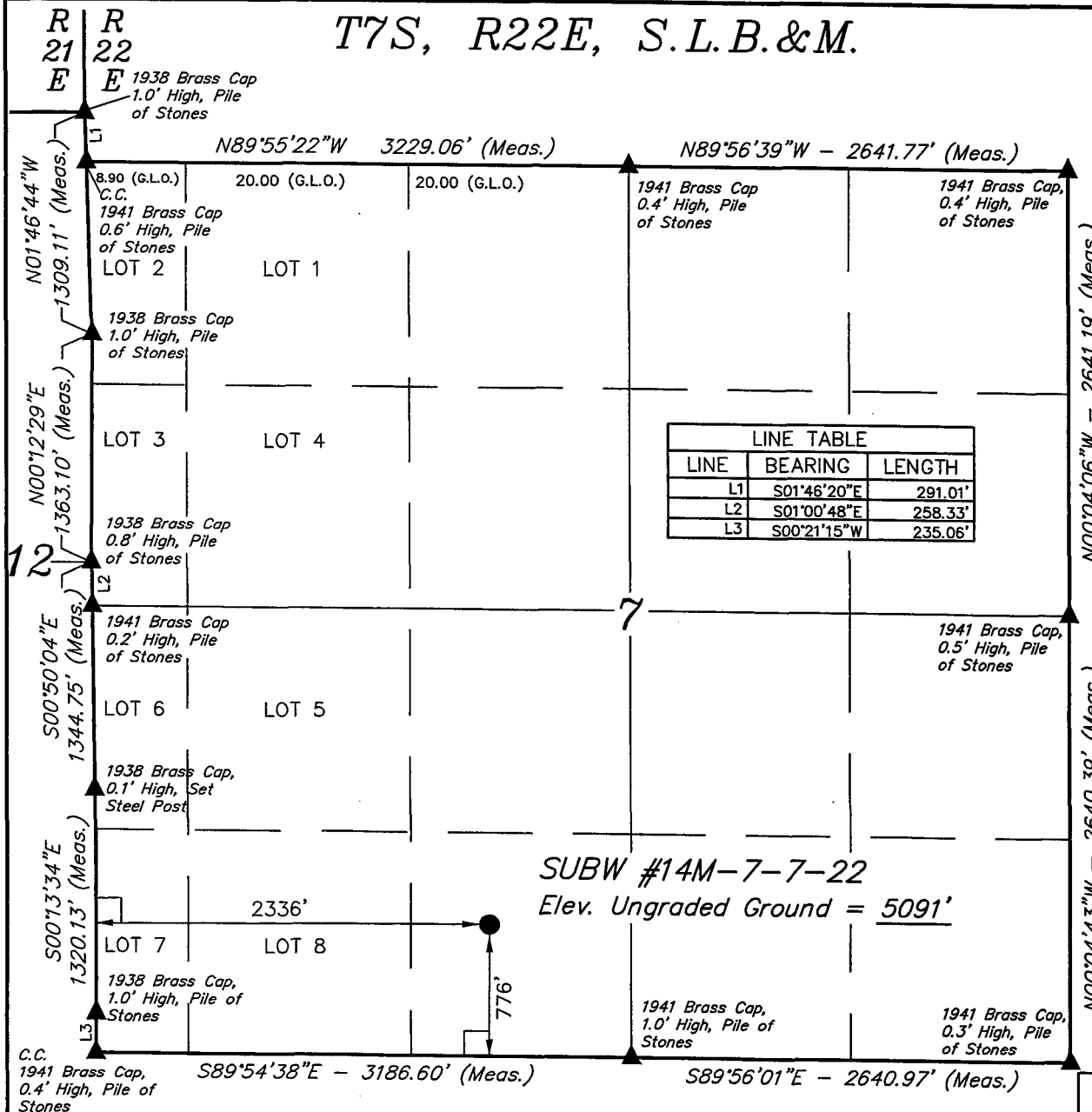
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-26-04	DATE DRAWN: 11-01-04
PARTY D.A. T.C. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QUESTAR EXPLR. & PROD.	



LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°13'15.09" (40.220858)
LONGITUDE = 109°29'09.24" (109.485900)
(NAD 27)
LATITUDE = 40°13'15.22" (40.220894)
LONGITUDE = 109°29'06.76" (109.485211)

CONFIDENTIAL

Additional Operator Remarks

QEP Uinta Basin, Inc. proposes to drill a well to 14275" to test the Mancos B. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

See attached 8-point drilling program.

See Onshore Order No. 1 attached

Please be advised that QEP Uinta Basin, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. ESB000024. The principal is QEP Uinta Basin, Inc. via surety as consent as provided for the 43 CFR 3104.2.

CONFIDENTIAL

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Prod. Phase Anticipated</u>
Uinta	Surface	
Green River	3575'	
Wasatch	6925'	
Mesa Verde	9795'	Gas
Blackhawk	12995'	
Mancos	13435'	
Mancos B	14020'	
TD	14275'	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Mancos B	14275'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

CONFIDENTIAL

DRILLING PROGRAM

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or Red Wash Water right # 49-2153 to supply fresh water for drilling purposes.

3. Operator's Specification for Pressure Control Equipment:

- A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 2500 psi, or 70% of burst, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	700'	12-1/4"	9-5/8"	J-55	36lb/ft (new) LT&C
Intermediate	10500'+/-	8-3/4"	7"	N-80	26.1b/ft (new) LT&C
Production TD	14275'	6-1/8"	4 1/2"	P-110	13.5lb/ft (new) LT&C
*High Collapse P-110					

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Sho
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
If drilling with air the following will be used:

CONFIDENTIAL

DRILLING PROGRAM

-
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
 - G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
 - H. Compressor shall be tied directly to the blooie line through a manifold.
 - I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.
6. Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated

Logging – Mud logging – 4500 to TD
GR-SP-Induction
Neutron Density
MRI

- C. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.

CONFIDENTIAL

DRILLING PROGRAM

Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type & Additives</u>
---------------	---------------	-----------------------------

*See attached calculations

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 6191 psi. Maximum anticipated bottom hole temperature is 140° F.

CONFIDENTIAL

QEP UINTA BASIN, INC.
SUBW 14M-7-7-22
776' FSL 2336' FWL
SESW, SECTION 7, T7S, R22E, SLB&M
UINTAH COUNTY, UTAH
LEASE # UTU-71416

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the SU 16M-7-7-22 on November 23, 2004 at approximately 12:30 PM. Weather conditions were cold and cloudy at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	QEP Uinta Basin, Inc.
Kathy Mergens	QEP Uinta Basin, Inc.

1. Existing Roads:

The proposed well site is approximately 20 miles southwest of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. Planned Access Roads:

Refer to Topo Map B for the location of the proposed access road.

New access roads on BLM surface will be 30' in width crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the road bed will be performed as necessary to provide a well constructed, safe road.

3. Location of Existing Wells Within a 1 – Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Refer to Topo Map D for the location of the proposed pipeline.

A containment dike will be constructed completely around those production facilities which contains fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The use of topsoil of the construction of dikes will not be allowed. All loading lines will be placed inside the berm surrounding tank battery. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

CONFIDENTIAL

5. Location and Type of Water Supply:

Fresh water for drilling purposes will be obtained from Wonsits Valley Water Right #36125, or Red Wash Right #49-2153.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized. Any gravel will be obtained from a commercial source. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility with 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order #7, all produced water will be contained in tanks on location and then hauled to Wonsits Valley location in SWNW section 12, T8S, R21E; or Red Wash Disposal Well located in NESW, Section 28, T7S, R22E; or, Red Wash Central Battery Disposal located in SWSE, Section 27, T7S, R23E. Pit reclamation for lined pit will be ruptured when emptied to allow the remaining liquid to be adequately mixed and to promote additional drying of the pit area.

8. Ancillary Facilities:

None anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A Pit liner is required felt if rock encountered.

10. Plans for Reclamation of the Surface:

Topsoil will be stripped and salvaged to provide for sufficient quantities to be respread to a depth of at least 4 to 6 inches over the disturbed areas to be reclaimed. Topsoil shall be stock piled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting.

Seed mix # 1

CONFIDENTIAL

11. Surface Ownership:

The well pad and access road are located on lands owned by:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

12. Other Information

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

No construction or drilling will commence during the Antelope fawning season from May 15 thru June 20th.

1/4 mile before access road clean and construct pond.

CONFIDENTIAL

Lessee's or Operator's Representative:

Jan Nelson
Red Wash Operations Rep.
Qep Uinta Basin, Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4331

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Jan Nelson
Red Wash Operations Representative

26-Nov-04

Date

CONFIDENTIAL



**Questar Exploration And Production
11002 East 17500 South
Vernal, Utah 84078**

SU BW 14M-7-7-22

Uintah County, Utah
United States of America

Cement Program Recommendation

Prepared for: Jan Nelson
November 10, 2004
Version: 1

Submitted by:
Rob Kruger
Halliburton Energy Services
1085 E Main
Vernal, Utah 84078
+435.789.2550

HALLIBURTON

CONFIDENTIAL

*Halliburton appreciates the opportunity to present
this proposal and looks forward to being of service to you.*

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: _____
Dean Smith
Technical Professional

Submitted by: _____
Rob Kruger
Senior Account Representative

SERVICE CENTER:	Vernal, Utah
SERVICE COORDINATOR:	Dale Harrold
OPER. ENGINEER:	Richard Curtice
CEMENT ENGINEER:	Dean Smith
PHONE NUMBER:	435-789-2550

CONFIDENTIAL

Job Information

Cement 9-5/8" Surface Casing

SU BW 14M-7-7-22

12-1/4" Surface Hole Section	0 - 700 ft (MD)
Inner Diameter	12.250 in
Job Excess	100 %

9-5/8" Surface Casing	0 - 700 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft

BHST	80 degF
------	---------

CONFIDENTIAL

Calculations**Cement 9-5/8" Surface Casing**

Spacer:

$$\begin{aligned}\text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl}\end{aligned}$$

Cement : (700.00 ft fill)

$$\begin{aligned}700.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 100 \% &= 438.46 \text{ ft}^3 \\ \text{Primary Cement} &= 438.46 \text{ ft}^3 \\ &= 78.09 \text{ bbl}\end{aligned}$$

Shoe Joint Volume: (42.00 ft fill)

$$\begin{aligned}42.00 \text{ ft} * 0.4341 \text{ ft}^3/\text{ft} &= 18.23 \text{ ft}^3 \\ &= 3.25 \text{ bbl} \\ \text{Tail plus shoe joint} &= 456.69 \text{ ft}^3 \\ &= 81.34 \text{ bbl} \\ \text{Total Tail} &= 381 \text{ sks}\end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned}700.00 \text{ ft} * 0.4341 \text{ ft}^3/\text{ft} &= 303.85 \text{ ft}^3 \\ &= 54.12 \text{ bbl}\end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned}\text{Capacity of Pipe - Shoe Joint} &= 54.12 \text{ bbl} - 3.25 \text{ bbl} \\ &= 50.87 \text{ bbl}\end{aligned}$$

CONFIDENTIAL

Job Recommendation

Cement 9-5/8" Surface Casing

Fluid Instructions

Fluid 1: Water Based Spacer

GEL WATER

Fluid Density: 8.34 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Primary Cement

Premium Plus Type V Cement

94 lbm/sk Premium Plus Type V

2 % Calcium Chloride (Accelerator)

0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 15.60 lbm/gal

Slurry Yield: 1.20 ft³/sk

Total Mixing Fluid: 5.27 Gal/sk

Top of Fluid: 0 ft

Calculated Fill: 700 ft

Volume: 81.34 bbl

Calculated Sacks: 380.58 sks

Proposed Sacks: 390 sks

Fluid 3: Water Spacer

WATER DISPLACEMENT

Fluid Density: 8.33 lbm/gal

Fluid Volume: 50.87 bbl

Fluid 4: Top Out Cement (if necessary)

94 lbm/sk Premium Plus Type V

2% Calcium Chloride (on the side)

Fluid Density: 15.60 lbm/gal

Slurry Yield: 1.20 ft³/sk

Total Mixing Fluid: 5.27 Gal/sk

Volume: 21.40 bbl

Calculated Sacks: 100 sks

CONFIDENTIAL

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	GEL WATER	8.3	5.0	20 bbl
2	Cement	PREMIUM PLUS TYPE V	15.6	5.0	390 sks
3	Spacer	WATER DISPLACEMENT	8.3	5.0	50.87 bbl

CONFIDENTIAL

Cost Estimate

Cement 9-5/8" Surface Casing

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7521	CMT SURFACE CASING BOM	1		0.00	0.00	0.0%	0.00
	CEMENTING EQUIPMENT & SERVICES						
16091	ZI - PUMPING CHARGE DEPTH FEET/METERS (FT/M)	1 700 FT	EA	2,879.00	2,879.00	50.0%	1,439.50
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" Number of Units	80 1	MI	5.28	422.40	50.0%	211.20
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 1	MI	3.11	248.80	50.0%	124.40
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	962.00	962.00	50.0%	481.00
	SubTotal			USD	4,512.20	50.0%	2,256.10
	CEMENTING MATERIALS						
201087	BA.QUIK-GEL - 50 LB BAG	4	BG	31.65	126.60	50.0%	63.30
100003684	PREMIUM PLUS TYPE V	390	SK	21.04	8,205.60	50.0%	4,102.80
100005053	CALCIUM CHLORIDE	10	SK	146.50	1,465.00	50.0%	732.50
100005049	FLOCELE	98	LB	3.24	317.52	50.0%	158.76
	Top Out Cement (if necessary)						
100003684	PREMIUM PLUS TYPE V	100	SK	21.04	2,104.00	50.0%	1,052.00
100005053	CALCIUM CHLORIDE (on the side)	3	SK	146.50	439.50	50.0%	219.75
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN NUMBER OF TONS	40 23.6	MI	1.81	1,708.64	50.0%	854.32
3965	HANDLE&DUMP SVC CHRGR, CMT&ADDITIVES,ZI NUMBER OF EACH	408 1	CF	2.96	1,207.68	50.0%	603.84
	SubTotal			USD	15,574.54	50.0%	7,787.27
	CASING EQUIPMENT						
100003164	PLUG - CMTG - TOP PLASTIC - 9-5/8	1	EA	276.05	276.05	45.0%	151.83
100004955	SHOE,FLT,9-5/8 8RD,2-3/4 SUPER SEAL	1	EA	810.81	810.81	45.0%	445.95
100004823	CLR,FLOAT,9-5/8 8RD,29.3-40#/FT,2 3/4	1	EA	898.13	898.13	45.0%	493.97
100004485	CENTRALIZER-9-5/8"-CSG-12 1/4"-HINGED	3	EA	114.00	342.00	45.0%	188.10
100004643	COLLAR-STOP-9 5/8"-W/DOGS	1	EA	50.82	50.82	45.0%	27.95
	SubTotal			USD	2,377.81	45.0%	1,307.80
	SURCHARGES						
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00	45.0%	79.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00	45.0%	48.00
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	80 1	MI	0.08	6.40	45.0%	6.40
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	80 1	MI	0.24	19.20	45.0%	19.20
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	40 23.6	MI	0.08	75.52	45.0%	75.52
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	130.00	260.00	45.0%	260.00

CONFIDENTIAL

HALLIBURTON

<u>Mtrl Nbr</u>	<u>Description</u>	<u>Qty</u>	<u>U/M</u>	<u>Unit Price</u>	<u>Gross Amt</u>	<u>Discount</u>	<u>Net Amt</u>
	SubTotal			USD	488.12	0.0%	488.12
	Total			USD			22,952.67
	Discount			USD			11,113.38
	Discounted Total			USD			11,839.29

Primary Plant: Vernal, UT, USA
Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US
Price Date: 1/1/2004

CONFIDENTIAL

Job Information

Multi-Stage Cement 7" Intermediate Casing

SU BW 14M-7-7-22

9-5/8" Surface Casing	0 - 700 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
Job Excess	0 %
8-3/4" Intermediate Hole Section	700 - 10500 ft (MD)
Inner Diameter	8.750 in
Job Excess	25 %
DV Tool	5000 ft (MD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
7" Intermediate Casing	0 - 10500 ft (MD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80
Mud Type	Water Based Mud
Mud Weight	9 lbm/gal
BHST	195 degF

CONFIDENTIAL

Calculations**Multi-Stage Cement 7" Intermediate Casing****Stage 1**

Spacer:

$$\begin{aligned} 299.00 \text{ ft} * 0.1503 \text{ ft}^3/\text{ft} * 25 \% &= 56.19 \text{ ft}^3 \\ \text{Total Spacer} &= 56.15 \text{ ft}^3 \\ &= 10.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} 598.00 \text{ ft} * 0.1503 \text{ ft}^3/\text{ft} * 25 \% &= 112.37 \text{ ft}^3 \\ \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} 299.00 \text{ ft} * 0.1503 \text{ ft}^3/\text{ft} * 25 \% &= 56.19 \text{ ft}^3 \\ \text{Total Spacer} &= 56.15 \text{ ft}^3 \\ &= 10.00 \text{ bbl} \end{aligned}$$

Cement : (3300.00 ft fill)

$$\begin{aligned} 3300.00 \text{ ft} * 0.1503 \text{ ft}^3/\text{ft} * 25 \% &= 620.11 \text{ ft}^3 \\ \text{Total First Stage Lead Cement} &= 620.11 \text{ ft}^3 \\ &= 110.45 \text{ bbl} \\ \text{Sacks of Cement} &= 161 \text{ sks} \end{aligned}$$

Cement : (2500.00 ft fill)

$$\begin{aligned} 2500.00 \text{ ft} * 0.1503 \text{ ft}^3/\text{ft} * 25 \% &= 469.78 \text{ ft}^3 \\ \text{First Stage Tail Cement} &= 469.78 \text{ ft}^3 \\ &= 83.67 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (42.00 ft fill)

$$\begin{aligned} 42.00 \text{ ft} * 0.2148 \text{ ft}^3/\text{ft} &= 9.02 \text{ ft}^3 \\ &= 1.61 \text{ bbl} \\ \text{Tail plus shoe joint} &= 478.80 \text{ ft}^3 \\ &= 85.28 \text{ bbl} \\ \text{Total Tail} &= 376 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 10500.00 \text{ ft} * 0.2148 \text{ ft}^3/\text{ft} &= 2255.71 \text{ ft}^3 \\ &= 401.76 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 401.76 \text{ bbl} - 1.61 \text{ bbl} \\ &= 400.15 \text{ bbl} \end{aligned}$$

Stage 2

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 56.15 \text{ ft}^3 \\ &= 10.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

CONFIDENTIAL

HALLIBURTON

Spacer:

Total Spacer = 56.15 ft³
= 10.00 bbl

Cement : (3500.00 ft fill)

700.00 ft * 0.1668 ft³/ft * 0 % = 116.77 ft³
2800.00 ft * 0.1503 ft³/ft * 25 % = 526.16 ft³
Total Second Stage Lead Cement = 642.92 ft³
= 114.51 bbl
Sacks of Cement = 169 sks

Cement : (1500.00 ft fill)

1500.00 ft * 0.1503 ft³/ft * 25 % = 281.87 ft³
Second Stage Tail Cement = 281.87 ft³
= 50.20 bbl

Shoe Joint Volume: (0.00 ft fill)

0.00 ft * 0.2148 ft³/ft = 0.00 ft³
= 0.00 bbl
Tail plus shoe joint = 281.87 ft³
= 50.20 bbl
Total Tail = 174 sks

Total Pipe Capacity:

5000.00 ft * 0.2148 ft³/ft = 1074.15 ft³
= 191.31 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint = 191.31 bbl - 0.00 bbl
= 191.31 bbl

CONFIDENTIAL

Job Recommendation Multi-Stage Cement 7" Intermediate Casing

Fluid Instructions

Stage 1

Fluid 1: Water Spacer

FRESH AHEAD

Fluid Density: 8.34 lbm/gal

Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer

SUPER FLUSH

Fluid Density: 9.20 lbm/gal

Fluid Volume: 20 bbl

Fluid 3: Water Spacer

FRESH BEHIND

Fluid Density: 8.34 lbm/gal

Fluid Volume: 10 bbl

Fluid 4: First Stage Lead Cement

Halliburton Hi-Fill

Fluid Weight 11 lbm/gal

Slurry Yield: 3.84 ft³/sk

Total Mixing Fluid: 23.15 Gal/sk

Top of Fluid: 4700 ft

Calculated Fill: 3300 ft

Volume: 110.45 bbl

Calculated Sacks: 161.32 sks

Proposed Sacks: 170 sks

Fluid 5: First Stage Tail Cement

50/50 Poz Premium AG300 (2% Gel Total)

0.6 % Halad(R)-322 (Low Fluid Loss Control)

2 % Microbond M (Expander)

5 % Salt (Salt)

0.1 % HR-5 (Retarder)

Fluid Weight 14.20 lbm/gal

Slurry Yield: 1.27 ft³/sk

Total Mixing Fluid: 5.61 Gal/sk

Top of Fluid: 8000 ft

Calculated Fill: 2500 ft

Volume: 85.28 bbl

Calculated Sacks: 376.12 sks

Proposed Sacks: 380 sks

Fluid 6: Water Spacer

WATER DISPLACEMENT

Fluid Density: 8.33 lbm/gal

Fluid Volume: 208.50 bbl

Fluid 7: Water Spacer

MUD DISPLACEMENT

Fluid Density: 9 lbm/gal

Fluid Volume: 191.31 bbl

DV Tool 5000 ft (MD)

CONFIDENTIAL

HALLIBURTON

Stage 2

Fluid 1: Water Spacer
WATER AHEAD

Fluid Density: 8.34 lbm/gal
Fluid Volume: 10 bbl

Fluid 2: Water Spacer
SUPER FLUSH

Fluid Density: 9.20 lbm/gal
Fluid Volume: 20 bbl

Fluid 3: Water Spacer
WATER BEHIND

Fluid Density: 8.34 lbm/gal
Fluid Volume: 10 bbl

Fluid 4: Second Stage Lead Cement
Halliburton Hi-Fill
(NO LCM EXCEPT FLOCELE)

Fluid Weight 11 lbm/gal
Slurry Yield: 3.81 ft³/sk
Total Mixing Fluid: 24.02 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 3500 ft
Volume: 114.51 bbl
Calculated Sacks: 168.70 sks
Proposed Sacks: 170 sks

Fluid 5: Second Stage Tail Cement
Premium Cement AG300

94 lbm/sk Premium AG300 (Cement-api)
8 % Cal-Seal 60 (Accelerator)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 14 lbm/gal
Slurry Yield: 1.62 ft³/sk
Total Mixing Fluid: 8.21 Gal/sk
Top of Fluid: 3500 ft
Calculated Fill: 1500 ft
Volume: 50.20 bbl
Calculated Sacks: 173.56 sks
Proposed Sacks: 180 sks

Fluid 6: Water Spacer
WATER DISPLACEMENT

Fluid Density: 8.33 lbm/gal
Fluid Volume: 191.31 bbl

CONFIDENTIAL

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
Stage 1					
1	Spacer	FRESH AHEAD	8.3	5.0	10 bbl
2	Spacer	SUPER FLUSH	9.2	5.0	20 bbl
3	Spacer	FRESH BEHIND	8.3	5.0	10 bbl
4	Cement	STANDARD HI-FILL	11.0	5.0	170 sks
5	Cement	50/50 POZ PREM AG300	14.2	5.0	380 sks
6	Spacer	WATER DISPLACEMENT	8.3	5.0	208.50 bbl
7	Spacer	MUD DISPLACEMENT	9.0	5.0	191.31 bbl
Stage 2					
1	Spacer	WATER AHEAD	8.3	5.0	10 bbl
2	Spacer	SUPER FLUSH	9.2	5.0	20 bbl
3	Spacer	WATER BEHIND	8.3	5.0	10 bbl
4	Cement	STANDARD HI-FILL (no LCM except Flocele)	11.0	5.0	170 sks
5	Cement	50/50 POZ PREM AG300	14.0	5.0	180 sks
6	Spacer	WATER DISPLACEMENT	8.3	5.0	191.31 bbl

CONFIDENTIAL

Cost Estimate

Multi-Stage Cement 7" Intermediate Casing

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
392189	CMT MULTIPLE STAGES BOM	1		0.00	0.00	0.0%	0.00
	CEMENTING EQUIPMENT & SERVICES						
16091	ZI - PUMPING CHARGE DEPTH FEET/METERS (FT/M)	1 10500 FT	EA	8,308.00	8,308.00	50.0%	4,154.00
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" Number of Units	80 1	MI	5.28	422.40	50.0%	211.20
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 1	MI	3.11	248.80	50.0%	124.40
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	962.00	962.00	50.0%	481.00
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	1,327.00	1,327.00	50.0%	663.50
90	ZI QUICK LATCH ATTACHMENT SIZE IN INCHES/MILLIMETER INCHES/MILLIMETERS (IN/MM)	1 7 IN	JOB	286.00	286.00	50.0%	143.00
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1 1	EA	0.00	770.00	50.0%	385.00
16115	FIELD STORAGE BIN ON SITE >8 HRS,DAY,ZI DAYS OR PARTIAL DAY(WHOLE NO.)	1 1	EA	383.00	383.00	50.0%	191.50
11941	"FIELD STORAGE BIN DELIVERY, ZI" Number of Units	40 1	MI	5.28	211.20	50.0%	105.60
	SubTotal			USD	12,918.40	50.0%	6,459.20
	CEMENTING MATERIALS						
100003639	SUPER FLUSH	40	SK	176.00	7,040.00	50.0%	3,520.00
100005049	FLOCELE	45	LB	3.24	145.80	50.0%	72.90
100003652	SALT	889	LB	0.26	231.14	50.0%	115.57
12302	50-50 POZ (PREMIUM)	380	SK	17.07	6,486.60	50.0%	3,243.30
100003646	HALAD(R)-322	188	LB	11.02	2,071.76	50.0%	1,035.88
100012233	MICROBOND M	626	LB	2.65	1,658.90	50.0%	829.45
100005050	HR-5	32	LB	6.45	206.40	50.0%	103.20
100003685	PREMIUM - CLASS G	180	SK	21.04	3,787.20	50.0%	1,893.60
100005051	CAL-SEAL 60	14	SK	65.11	911.54	50.0%	455.77
21832	HALLIBURTON HI-FILL	340	SK	38.05	12,937.00	50.0%	6,468.50
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	40 46.11	MI	1.81	3,338.36	50.0%	1,669.18
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	1110 1	CF	2.96	3,285.60	50.0%	1,642.80
	SubTotal			USD	42,100.30	50.0%	21,050.15
	CASING EQUIPMENT						
100004908	SHOE,FLT,7 8RD,2-3/4 SS II VLV	1	EA	501.89	501.89	45.0%	276.04
100004781	COLLAR-FLOAT- 7 8RD 17-26#/FT - 2-3/4	1	EA	619.35	619.35	45.0%	340.64
100004673	PLUG SET-FREE FALL-7"-8RD	1	EA	982.91	982.91	45.0%	540.60
100013920	CMTR,TY P ES,7 IN 8RD,20-26 LB/FT	1	EA	5,687.22	5,687.22	45.0%	3,127.97
100004479	CTRZR ASSY,API,7 CSG X 8 3/4HOLE,HNGD	25	EA	88.53	2,213.25	45.0%	1,217.29

CONFIDENTIAL

HALLIBURTON

<u>Mtrl Nbr</u>	<u>Description</u>	<u>Qty</u>	<u>U/M</u>	<u>Unit Price</u>	<u>Gross Amt</u>	<u>Discount</u>	<u>Net Amt</u>
100004626	CLAMP - LIMIT - 7 - HINGED -	1	EA	28.88	28.88	45.0%	15.88
100005045	HALLIBURTON WELD-A KIT	1	EA	38.70	38.70	45.0%	21.28
	SubTotal			USD	10,072.20	45.0%	5,539.70
	SURCHARGES						
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00	0.0%	79.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00	0.0%	48.00
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	80 1	MI	0.08	6.40	0.0%	6.40
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	80 2	MI	0.24	38.40	0.0%	38.40
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	40 46.11	MI	0.08	147.55	0.0%	147.55
372867	Cmt PSL - DOT Vehicle Charge, CMT	4	EA	130.00	520.00	0.0%	520.00
	SubTotal			USD	839.35	0.0%	839.35
	Total			USD			65,930.25
	Discount			USD			32,041.85
	Discounted Total			USD			33,888.40

Primary Plant: Vernal, UT, USA
Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US
Price Date: 1/1/2004

CONFIDENTIAL

Job Information

Cement 4-1/2" Production Casing

SU BW 14M-7-7-22

7" Intermediate Casing	0 - 10500 ft (MD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80
Job Excess	0 %
6-1/8" Production Hole Section	10500 - 14425 ft (MD)
Inner Diameter	6.125 in
Job Excess	25 %
4-1/2" Production Casing	0 - 14425 ft (MD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
Casing Grade	P-110
Mud Type	Water Based Mud
Mud Weight	13 lbm/gal
BHST	230 degF

CONFIDENTIAL

Calculations**Cement 4-1/2" Production Casing**

Spacer:

$$\begin{aligned} 2689.00 \text{ ft} * 0.1044 \text{ ft}^3/\text{ft} * 0 \% &= 280.68 \text{ ft}^3 \\ \text{Total Spacer} &= 280.73 \text{ ft}^3 \\ &= 50.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} 269.00 \text{ ft} * 0.1044 \text{ ft}^3/\text{ft} * 0 \% &= 28.08 \text{ ft}^3 \\ \text{Total Spacer} &= 28.07 \text{ ft}^3 \\ &= 5.00 \text{ bbl} \end{aligned}$$

Cement : (4925.00 ft fill)

$$\begin{aligned} 1000.00 \text{ ft} * 0.1044 \text{ ft}^3/\text{ft} * 0 \% &= 104.38 \text{ ft}^3 \\ 3925.00 \text{ ft} * 0.0942 \text{ ft}^3/\text{ft} * 25 \% &= 462.02 \text{ ft}^3 \\ \text{Primary Cement} &= 566.40 \text{ ft}^3 \\ &= 100.88 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (42.00 ft fill)

$$\begin{aligned} 42.00 \text{ ft} * 0.0838 \text{ ft}^3/\text{ft} &= 3.52 \text{ ft}^3 \\ &= 0.63 \text{ bbl} \\ \text{Tail plus shoe joint} &= 569.92 \text{ ft}^3 \\ &= 101.51 \text{ bbl} \\ \text{Total Tail} &= 393 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 14425.00 \text{ ft} * 0.0838 \text{ ft}^3/\text{ft} &= 1208.97 \text{ ft}^3 \\ &= 215.33 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 215.33 \text{ bbl} - 0.63 \text{ bbl} \\ &= 214.70 \text{ bbl} \end{aligned}$$

CONFIDENTIAL

Job Recommendation

Cement 4-1/2" Production Casing

Fluid Instructions

Fluid 1: Water Based Spacer

13.5 PPG SD SPACER

344 lbm/bbl SSA-1 (Heavy Weight Additive)

Fluid Density: 13.50 lbm/gal

Fluid Volume: 50 bbl

Fluid 2: Water Spacer

FRESH BEHIND

Fluid Density: 8.34 lbm/gal

Fluid Volume: 5 bbl

Fluid 3: Primary Cement

50/50 Poz Premium AG300 (2% Gel Total)

20 % SSA-1 (Additive Material)

0.3 % Halad(R)-344 (Low Fluid Loss Control)

0.2 % HR-12 (Retarder)

0.2 % Super CBL (Gas Migration Control)

0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 14.20 lbm/gal

Slurry Yield: 1.45 ft³/sk

Total Mixing Fluid: 6.37 Gal/sk

Top of Fluid: 9500 ft

Calculated Fill: 4925 ft

Volume: 101.51 bbl

Calculated Sacks: 392.51 sks

Proposed Sacks: 400 sks

Fluid 4: Water Spacer

CLAYFIX II DISPLACEMENT

Fluid Density: 8.33 lbm/gal

Fluid Volume: 214.70 bbl

CONFIDENTIAL

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	13.5 PPG SD SPACER	13.5	5.0	50 bbl
2	Spacer	FRESH BEHIND	8.3	5.0	5 bbl
3	Cement	50/50 POZ PREMIUM AG300	14.2	5.0	400 sks
4	Spacer	CLAYFIX II DISPLACEMENT	8.3	6.0	214.70 bbl

CONFIDENTIAL

Cost Estimate

Cement 4-1/2" Production Casing

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7523	CMT PRODUCTION CASING BOM	1		0.00	0.00	0.0%	0.00
	CEMENTING EQUIPMENT & SERVICES						
16091	ZI - PUMPING CHARGE DEPTH FEET/METERS (FT/M)	1 14425 FT	EA	17,770.00	17,770.00	50.0%	8,885.00
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" Number of Units	80 1	MI	5.28	422.40	50.0%	211.20
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 1	MI	3.11	248.80	50.0%	124.40
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	962.00	962.00	50.0%	481.00
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	1,327.00	1,327.00	50.0%	663.50
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1 1	EA	0.00	770.00	50.0%	385.00
90	ZI QUICK LATCH ATTACHMENT SIZE IN INCHES/MILLIMETER INCHES/MILLIMETERS (IN/MM)	1 4.5 IN	JOB	286.00	286.00	50.0%	143.00
	SubTotal			USD	21,786.20	50.0%	10,893.10
	CEMENTING MATERIALS						
133235	SD SPACER: 13.5 PPG	50	BBL	69.82	3,491.00	50.0%	1,745.50
100003729	CLAYFIX II	22	GAL	50.67	1,114.74	50.0%	557.37
100003691	SSA-1 - 200 MESH	23780	LB	0.36	8,560.80	50.0%	4,280.40
12302	50-50 POZ (PREMIUM)	400	SK	17.07	6,828.00	50.0%	3,414.00
100003670	HALAD(R)-344	99	LB	45.83	4,537.17	50.0%	2,268.58
100005057	HR-12	66	LB	5.85	386.10	50.0%	193.05
100003668	SUPER CBL	66	LB	42.21	2,785.86	50.0%	1,392.93
100005049	FLOCELE	100	LB	3.24	324.00	50.0%	162.00
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	40 29.06	MI	1.81	2,103.94	50.0%	1,051.97
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	771 1	CF	2.96	2,282.16	50.0%	1,141.08
	SubTotal			USD	32,413.77	50.0%	16,206.88
	CASING EQUIPMENT						
100003140	PLUG - CMTG - TOP ALUM - 4-1/2	1	EA	127.05	127.05	45.0%	69.88
100004879	SHOE-FLOAT - 4-1/2 8RD - 2-3/4 SUPER	1	EA	346.46	346.46	45.0%	190.55
100004752	COLLAR-FLOAT - 4-1/2 8RD 9.5-13.5#/FT -	1	EA	404.60	404.60	45.0%	222.53
100004622	CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA	24.26	24.26	45.0%	13.34
100004473	CENTRALIZER ASSY - API - 4-1/2 CSG X	30	EA	69.13	2,073.90	45.0%	1,140.64
100005045	HALLIBURTON WELD-A KIT	1	EA	38.70	38.70	45.0%	21.28
	SubTotal			USD	3,014.97	45.0%	1,658.22
	SURCHARGES						
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00	0.0%	79.00

CONFIDENTIAL

HALLIBURTON

<u>Mtrl Nbr</u>	<u>Description</u>	<u>Qty</u>	<u>U/M</u>	<u>Unit Price</u>	<u>Gross Amt</u>	<u>Discount</u>	<u>Net Amt</u>
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00	0.0%	48.00
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	80 1	MI	0.08	6.40	0.0%	6.40
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	80 1	MI	0.24	19.20	0.0%	19.20
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	80 29.06	MI	0.08	185.98	0.0%	185.98
372867	Cmt PSL - DOT Vehicle Charge, CMT	3	EA	130.00	390.00	0.0%	390.00
	SubTotal			USD	728.58	0.0%	728.58
	Total			USD			57,943.52
	Discount			USD			28,456.74
	Discounted Total			USD			29,486.78

Primary Plant: Vernal, UT, USA
Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US
Price Date: 1/1/2004

CONFIDENTIAL

Conditions

NOTE

The cost in this analysis is good for the materials and/or services outlined within. These prices are based on Halliburton being awarded the work on a first call basis. Prices will be reviewed for adjustments if awarded on 2nd or 3rd call basis and/or after 30 days of this written analysis. This is in an effort to schedule our work and maintain a high quality of performance for our customers.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at:

http://www.halliburton.com/hes/general_terms_conditions.pdf for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CONFIDENTIAL

QUESTAR EXPLR. & PROD.

SUBW #14M-7-7-22

LOCATED IN UTAH COUNTY, UTAH

SECTION 7, T7S, R22E, S.L.B.&M.

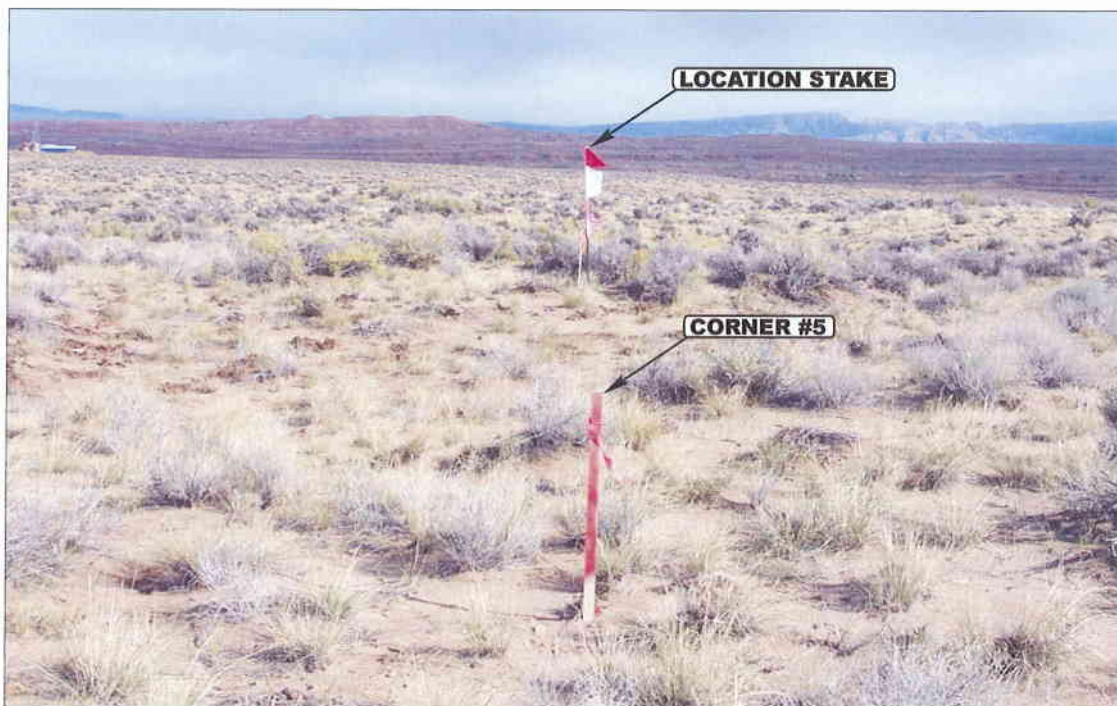


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

U
E
L
S
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

11 01 04
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: L.K.

REVISED: 00-00-00

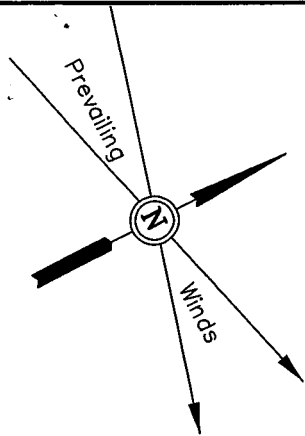
CONFIDENTIAL

QUESTAR EXPLR. & PROD.

FIGURE #1

LOCATION LAYOUT FOR

SUBW #14M-7-7-22
SECTION 7, T7S, R22E, S.L.B.&M.
776' FSL 2336' FWL

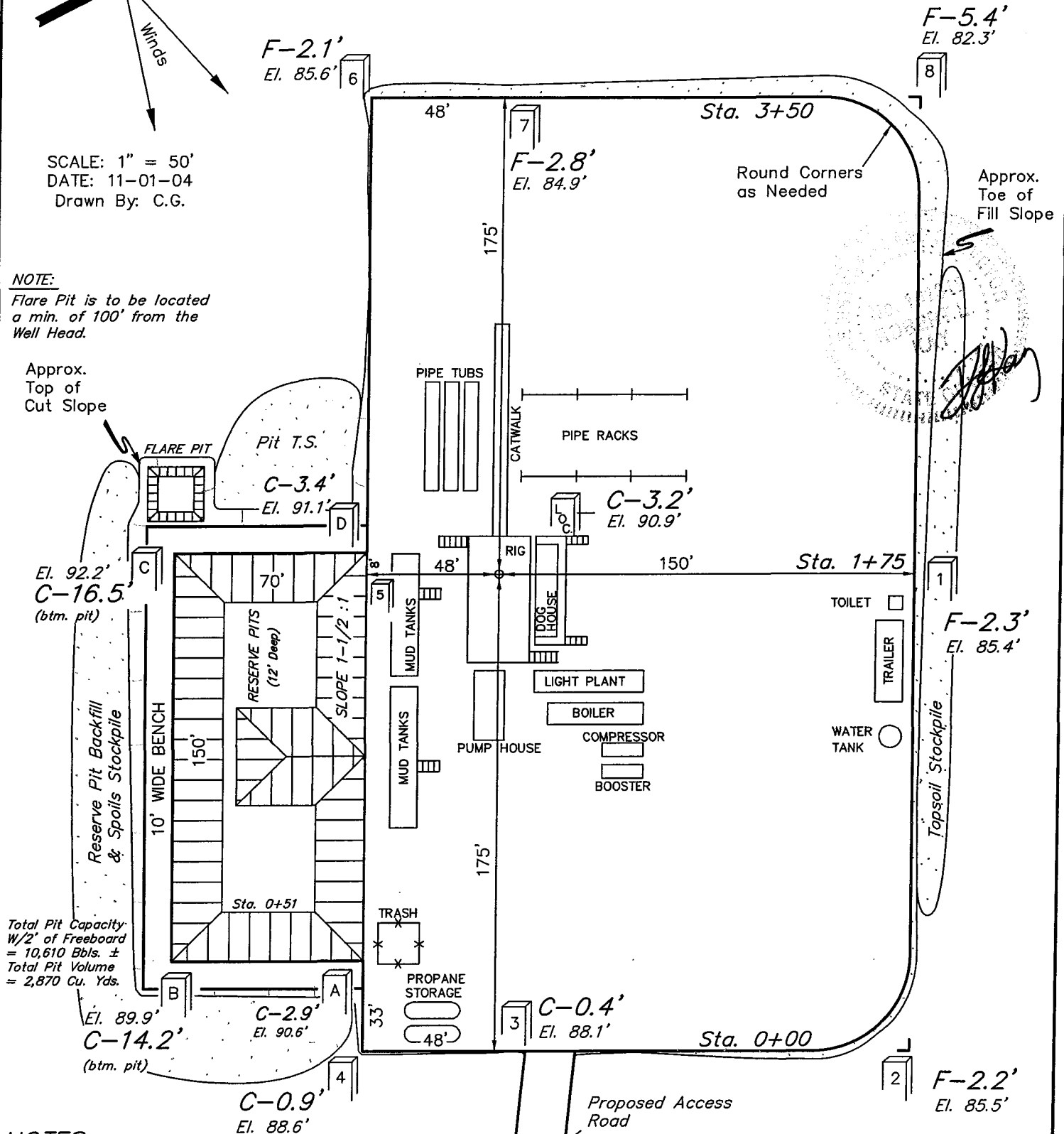


SCALE: 1" = 50'
DATE: 11-01-04
Drawn By: C.G.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5090.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 5087.7'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

CONFIDENTIAL

QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

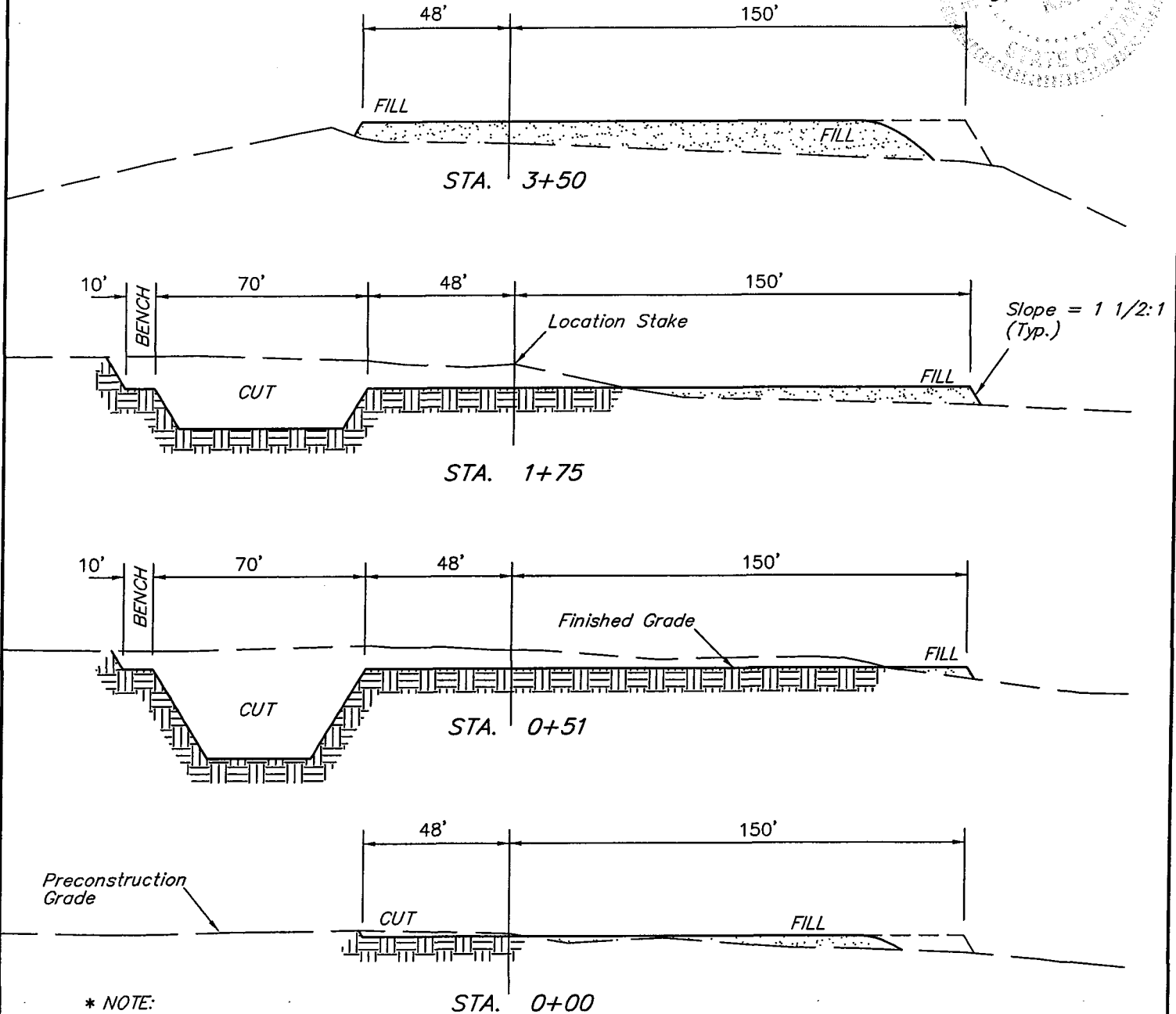
SUBW #14M-7-7-22

SECTION 7, T7S, R22E, S.L.B.&M.

776' FSL 2336' FWL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 11-01-04
Drawn By: C.G.



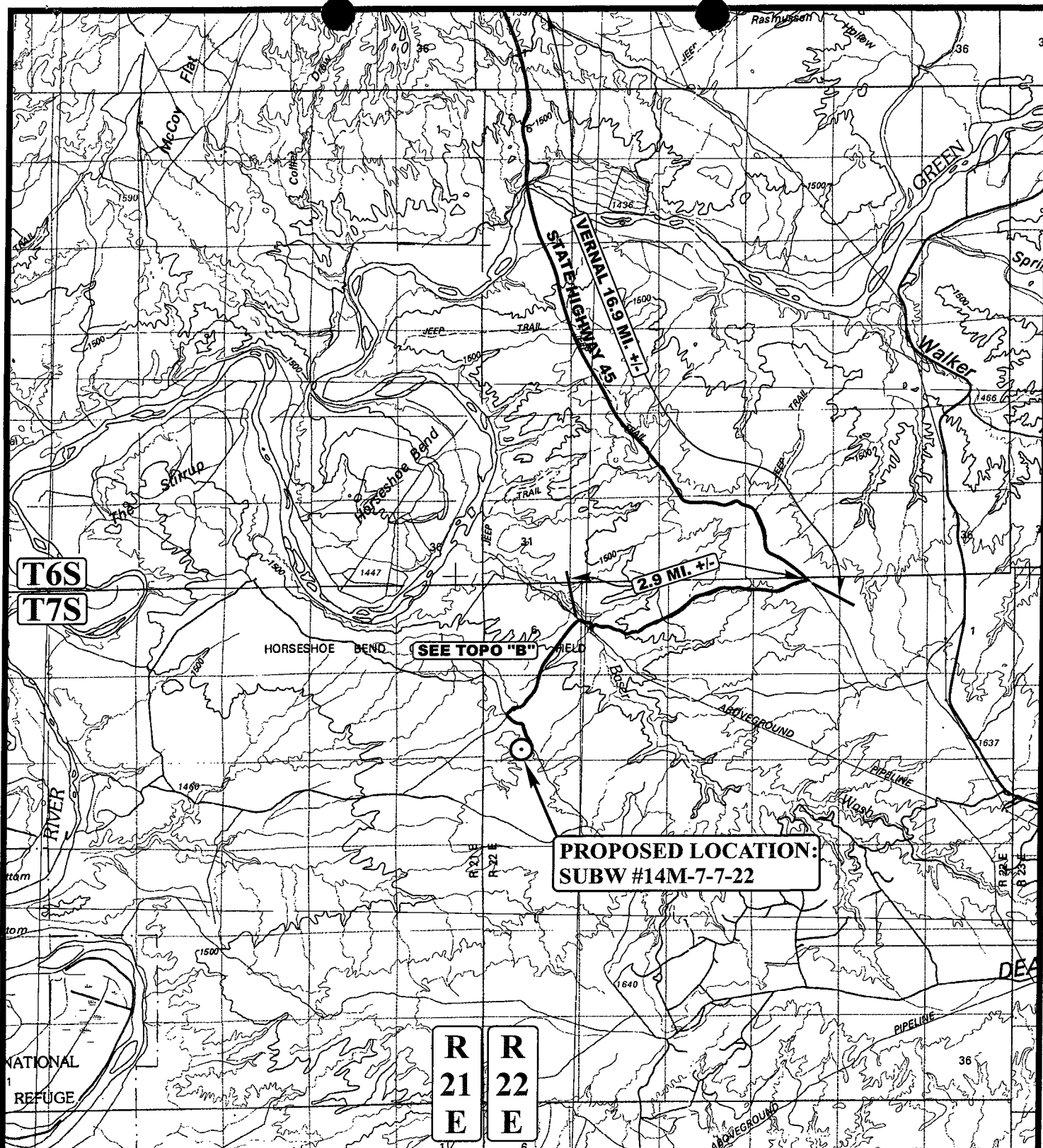
* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,670 Cu. Yds.
Remaining Location = 5,900 Cu. Yds.
TOTAL CUT = 7,570 CU.YDS.
FILL = 4,470 CU.YDS.

EXCESS MATERIAL = 3,100 Cu. Yds.
Topsoil & Pit Backfill = 3,100 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

○ PROPOSED LOCATION



QUESTAR EXPLR. & PROD.

SUBW #14M-7-7-22
SECTION 7, T7S, R22E, S.L.B.&M.
776' FSL 2336' FWL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

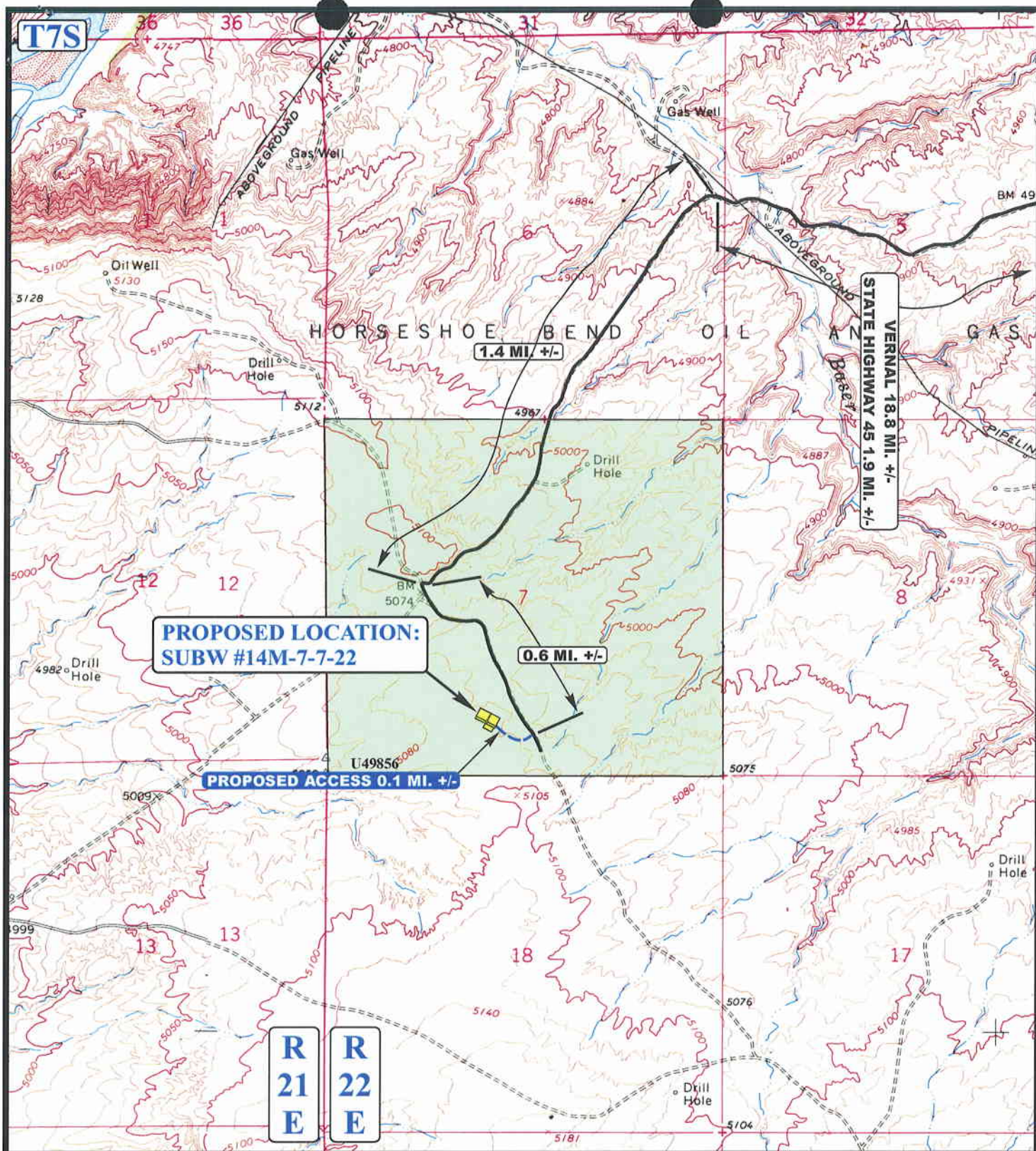
TOPOGRAPHIC
MAP

11 01 04
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00

A
TOPO

CONFIDENTIAL



LEGEND:

EXISTING ROAD
 PROPOSED ACCESS ROAD



QUESTAR EXPLR. & PROD.

SUBW #14M-7-7-22
 SECTION 7, T7S, R22E, S.L.B.&M.
 776' FSL 2336' FWL

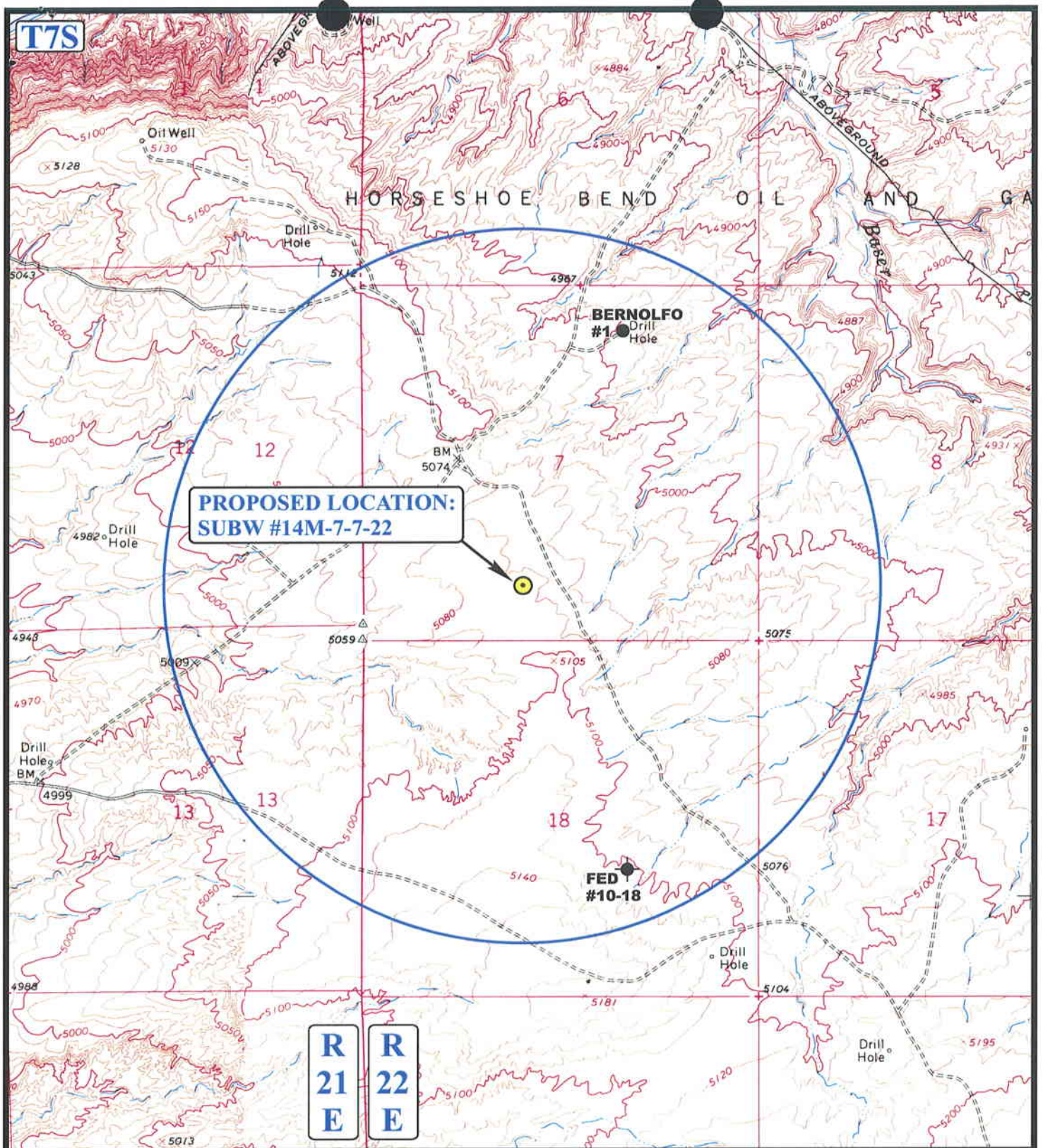
U E L S
 Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00

B
TOPO

CONFIDENTIAL



LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ⊗ ABANDONED WELLS |
| ⊖ SHUT IN WELLS | ⊖ TEMPORARILY ABANDONED |

QUESTAR EXPLR. & PROD.

SUBW #14M-7-7-22
SECTION 7, T7S, R22E, S.L.B.&M.
776' FSL 2336' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

11 01 04
 MONTH DAY YEAR

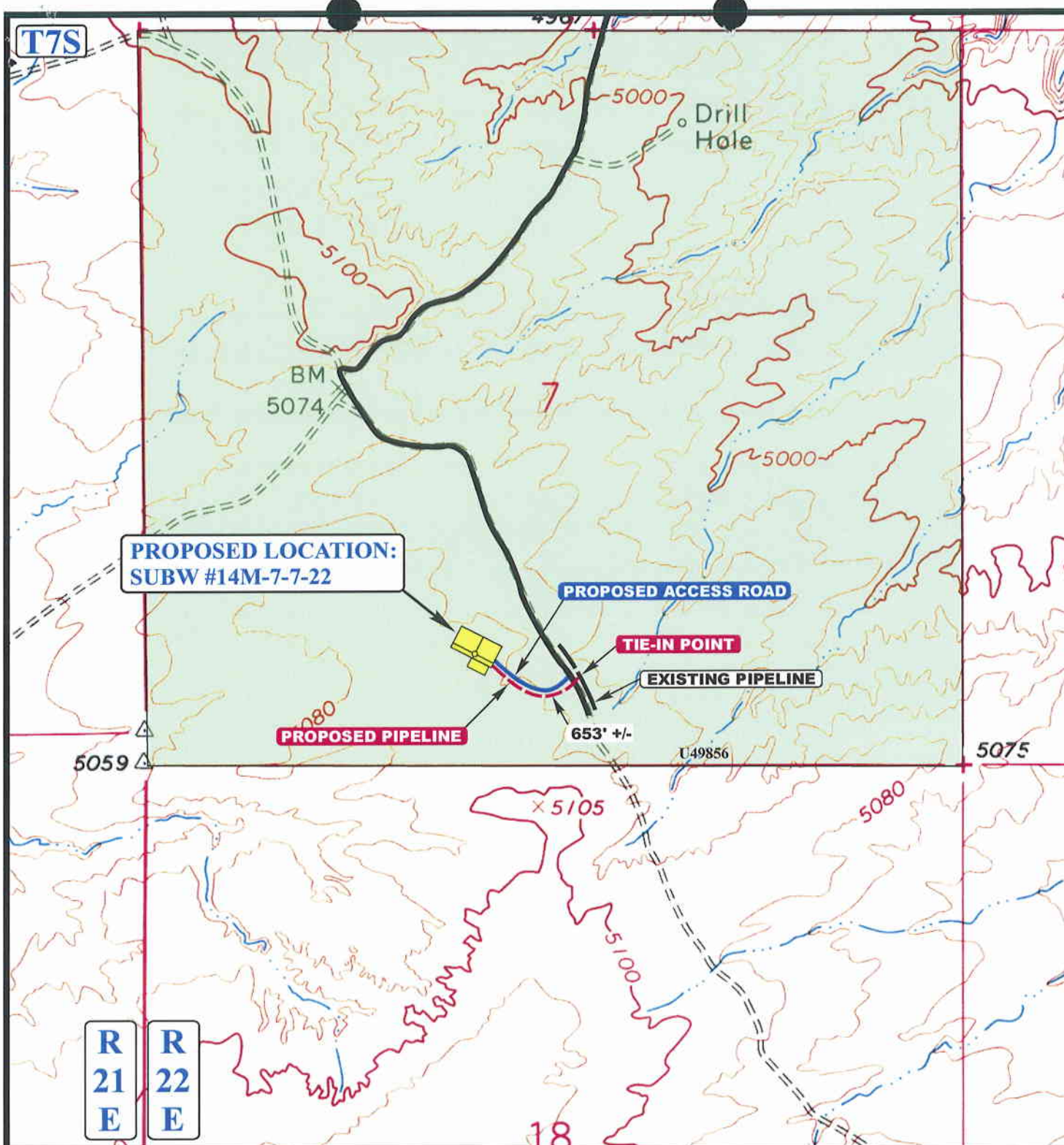
SCALE: 1" = 2000'

DRAWN BY: L.K.

REVISED: 00-00-00



CONFIDENTIAL



APPROXIMATE TOTAL PIPELINE DISTANCE = 653' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE

QUESTAR EXPLR. & PROD.

SUBW #14M-7-7-22
SECTION 7, T7S, R22E, S.L.B.&M.
776' FSL 2336' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

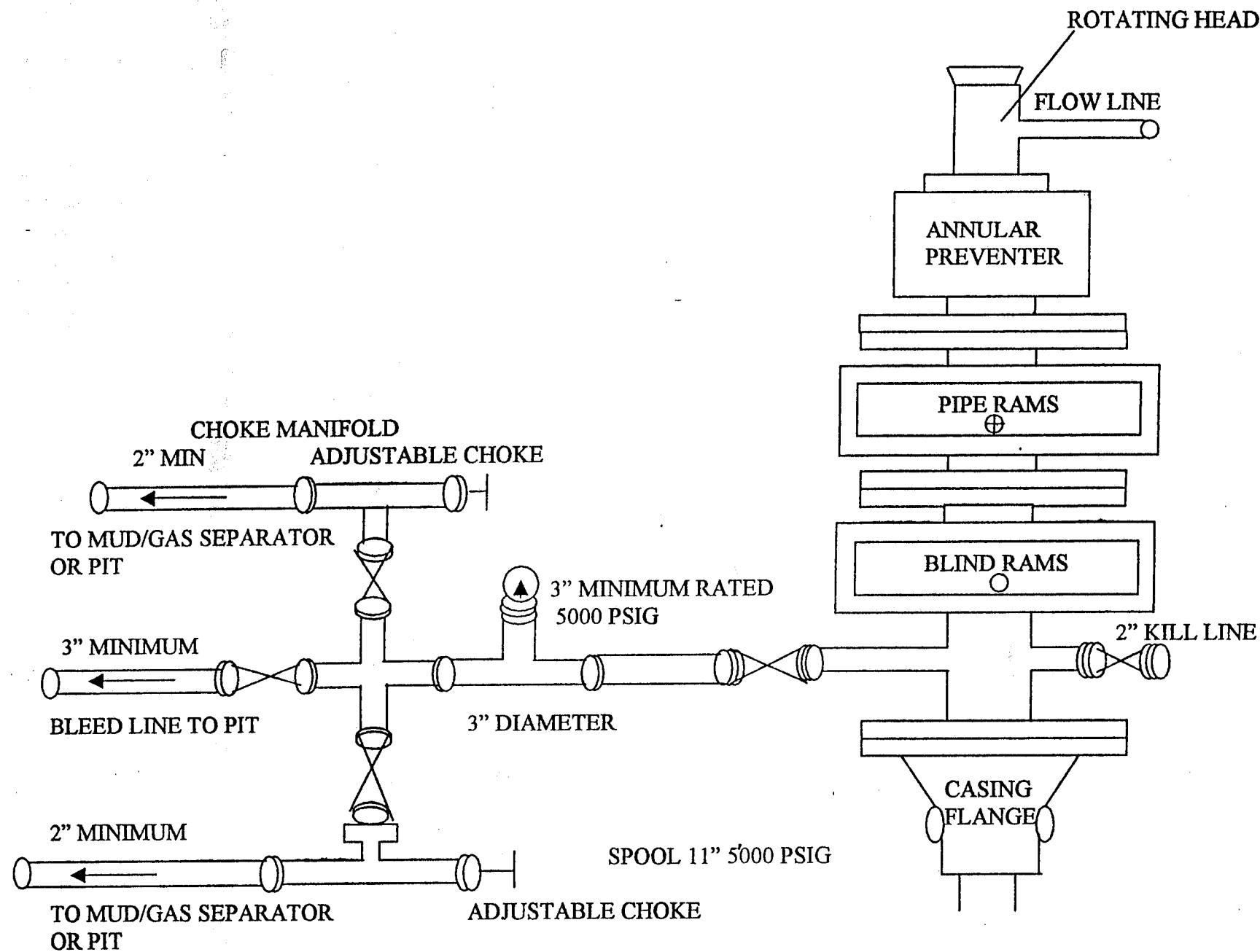
11 01 04
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00

**D
TOPO**

CONFIDENTIAL

5000 PSIG DIAGRAM



CONFIDENTIAL

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

005

APD RECEIVED: 11/30/2004

API NO. ASSIGNED: 43-047-36136

WELL NAME: SUBW 14M-7-7-22

OPERATOR: QEP UINTA BASIN, INC. (N2460)

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

SESW 07 070S 220E

SURFACE: 0776 FSL 2336 FWL

BOTTOM: 0776 FSL 2336 FWL

UINTAH

HORSESHOE BEND (620)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-71416

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MNCS

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.22090

LONGITUDE: -109.4852

RECEIVED AND/OR REVIEWED:

☒ Plat☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)☒ Potash (Y/N)☒ Oil Shale 190-5 (B) or 190-3 or 190-13☒ Water Permit
(No. 49-2153)☒ RDCC Review (Y/N)
(Date:)☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit STIRRUP

☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between WellsR649-3-3. ~~Directional~~

Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

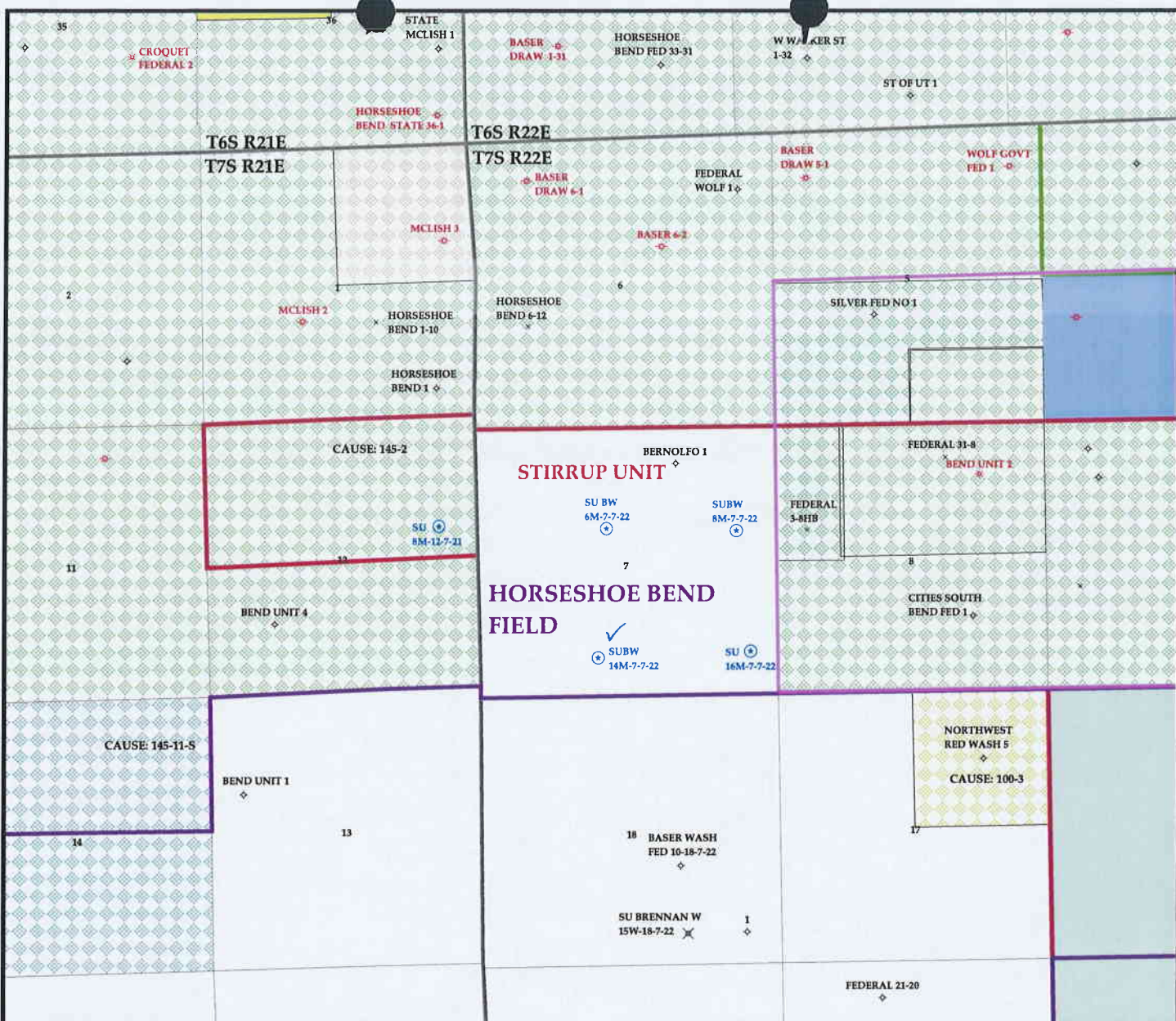
R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval

2- Spacing Stip



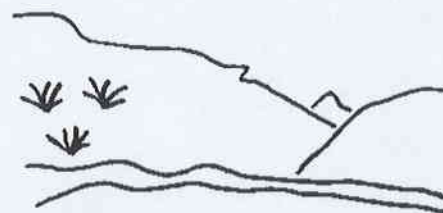
OPERATOR: QEP UINTA BASIN (N2460)

SEC. 7 T.7S R.22E

FIELD: HORSE SHOE BEND (620)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION



Utah Oil Gas and Mining

Wells	Units.shp	Fields.shp
★ GAS INJECTION	□ EXPLORATORY	□ ABANDONED
☆ GAS STORAGE	□ GAS STORAGE	□ ACTIVE
× LOCATION ABANDONED	□ NF PP OIL	□ COMBINED
⊙ NEW LOCATION	□ NF SECONDARY	□ INACTIVE
⊕ PLUGGED & ABANDONED	□ PENDING	□ PROPOSED
★ PRODUCING GAS	□ PI OIL	□ STORAGE
● PRODUCING OIL	□ PP GAS	□ TERMINATED
⊕ SHUT-IN GAS	□ PP GEOTHERML	
⊕ SHUT-IN OIL	□ PP OIL	
× TEMP. ABANDONED	□ SECONDARY	
○ TEST WELL	□ TERMINATED	
△ WATER INJECTION		
⊕ WATER SUPPLY		
⊕ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY
DATE: 1-DECEMBER-2004

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

December 1, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Stirrup Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Stirrup Unit, Uintah County, Utah

API #	WELL NAME	LOCATION
(Proposed PZ Mancos)		
43-047-36136	SUBW 14M-7-7-22 Sec 7 T07S R22E 0776 FSL 2336 FWL	
43-047-36137	SU 16M-7-7-22 Sec 7 T07S R22E 0843 FSL 0529 FEL	
43-047-36138	SUBW 8M-7-7-22 Sec 7 T07S R22E 2047 FNL 0765 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Stirrup Unit
Central Files
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:12-1-04



State of Utah

Department of
Natural ResourcesROBERT L. MORGAN
*Executive Director*Division of
Oil, Gas & MiningMARY ANN WRIGHT
*Acting Division Director*OLENE S. WALKER
*Governor*GAYLE F. McKEACHNIE
Lieutenant Governor

December 9, 2004

QEP Uinta Basin, Inc.
11002 E 17500 S
Vernal, UT 84078Re: SUBW 14M-7-7-22 Well, 776' FSL, 2336' FWL, SE SW, Sec. 7, T. 7 South,
R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36136.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza
Associate Directorpab
Enclosurescc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: QEP Uinta Basin, Inc.
Well Name & Number SUBW 14M-7-7-22
API Number: 43-047-36136
Lease: UTU-71416

Location: SE SW **Sec.** 7 **T.** 7 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions:

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

NOV 26 2004
SUBMIT IN TRIPLICATE*

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BLM VERNAL, UTAH

007

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK

DRILL ☒

DEEPEN ☐

TYPE OF WELL

☐

☒

☐

SINGLE ☒

MULTIPLE ☐

OIL WELL

GAS WELL

OTHER

ZONE

ZONE

2. NAME OF OPERATOR

QEP UINTA BASIN, INC.

Contact: Jan Nelson

E-Mail: jan.nelson@questar.com

3. ADDRESS

11002 E. 17500 S. Vernal, Ut 84078

Telephone number

Phone 435-781-4331 Fax 435-781-4323

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)

At Surface

776' FSL 2336' FWL SESW SEC. 7

At proposed production zone

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*

20 +/- FROM VERNAL, UTAH

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(also to nearest drig,unit line if any)

776' +/-

16.NO.OF ACRES IN LEASE

1256.26

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18.DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft

4000' +/-

19. PROPOSED DEPTH

14275'

20. BLM/BIA Bond No. on file

ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)

5087 GR

22. DATE WORK WILL START

ASAP

23. Estimated duration

10 days

24. Attachments

The following,completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan

3. A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED

Jan Nelson

Name (printed/typed) Jan Nelson

DATE November 26, 2004

TITLE

Regulatory Affairs

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Thomas B. Cleary

Assistant Field Manager

Mineral Resources

DATE

04/29/2005

Title 18 U.S.C. 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: QEP-Uinta Basin, Inc.

Well Name & Number: SUBW 14M-7-7-22

API Number: 43-047-36136

Lease Number: U-71416

Location: SESW Sec. 7 T. 7S R. 22E

Agreement: Stirrup Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **5M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil & Gas Order No. 2, regarding air or gas drilling shall be adhered to.

Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum requirement, the operator must bring the top of cement behind the production casing 200' above the base of usable water which has been identified at $\pm 1179'$.

Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement evaluation tool (CBL or Temperature Survey) will be run from the intermediate casing shoe to top of the cement and shall be utilized to determine the cement top. Submit a field copy of the log to this office.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Other Information

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood (435) 828-7874
Petroleum Engineer

Michael Lee (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

THERE ARE NO ADDITIONAL CONDITIONS FOR THE SURFACE USE PROGRAM.

CONFIDENTIAL

RECEIVED

Form 3160-5
(November 1994)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

APR 03 2006

5. Lease Serial No.

UTU-71416

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

STIRRUP UNIT

8. Well Name and No.

SUBW 14M-7-7-22

9. API Well No.

43-047-36136

10. Field and Pool, or Exploratory Area

HORSE SHOE

11. County or Parish, State

Uintah

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

QEP Uinta Basin, Inc.

Contact: Jan Nelson

3a. Address

11002 East 17500 South, Vernal, UT 84078

3b. Phone No. (include area code)

435-781-4331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

776' FSL 2336' FWL SESW, SEC 7, T7S, R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Subsequent Report☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☒ Other☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon

APD EXTENSION

☐ Final Abandonment Notice☐ Convert to Injection☐ Plug Back☐ Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. hereby requests a 1 year extension on SUBW 14M-7-7-22

BLM APD Approval Date: 4/29/2005

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jan Nelson

Title

Regulatory Affairs

Signature

Date

March 30, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Michael Lee

Title

Petroleum Engineer

Date

APR 04 2006

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

RECEIVED

APR 21 2006

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-36136
Well Name: SUBW 14M-7-7-22
Location: 776 FSL 2336 FWL, SESW, SEC. 7 T7S R22E.
Company Permit Issued to: QEP UINTA BASIN, INC.
Date Original Permit Issued: 4/29/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

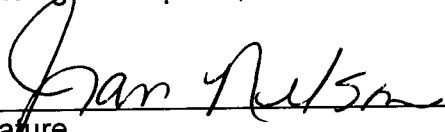
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

3/30/2006

Date

Title: REGULATORY AFFAIRS

Representing: QEP UINTA BASIN, INC.

**RECEIVED
APR 21 2006**

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL

QEP Uinta Basin Inc.

Notice of Intent
APD Extension

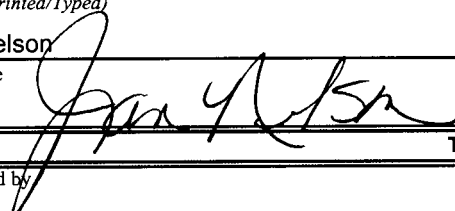
Lease: UTU-71416
Well: SUBW 14M - 7-7-22 (43-047-36136)
Location: SESW Sec. 07, T7S, R22E

An extension for the referenced APD is granted with the following condition(s):

1. The extension and APD will expire on 4/29/2007
2. No other extensions beyond that period will be granted or allowed.

If you have any other questions concerning this matter, please contact Michael Lee of this office at (435) 781-4432.

2006-04-04

Form 3160-5 (November 1994)		UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>	
SUBMIT IN TRIPLICATE - Other Instructions on reverse side		FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996	
		5. Lease Serial No.	
		UTU-71416	
		6. If Indian, Allottee or Tribe Name	
		N/A	
7. If Unit or CA/Agreement, Name and/or No.		STIRRUP UNIT	
8. Well Name and No.		SUBW 14M-7-7-22	
9. API Well No.		43-047-36136	
10. Field and Pool, or Exploratory Area		HORSE SHOE	
11. County or Parish, State		UINTAH	
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other			
2. Name of Operator QEP Uinta Basin, Inc. <i>Contact: Steven Hall</i>			
3a. Address		3b. Phone No. (include area code)	
11002 East 17500 South, Vernal, UT 84078		303-672-6919	
3 766' FSL 2336' FWL SESW SECTION 7 T7S R22E			
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice		<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off	
		<input checked="" type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity	
		<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete Other _____	
		<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon	
		<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal	
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)			
QEP Uinta Basin, Inc. proposes to change casing desing and setting depths from what was proposed on sundry notice dated August 2, 2006. Please refer to attached drilling plan.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY			
14. I hereby certify that the foregoing is true and correct			
Name (Printed/Typed)		Title	
Jan Nelson		Regulatory Affairs	
Signature		Date	
		August 18, 2006	
THIS SPACE FOR FEDERAL OR STATE USE			
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office	
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.			
(Instructions on reverse)			

RECEIVED

AUG 23 2006

DIV. OF OIL, GAS & MINING

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	3,615'
Mahogeny	4,090'
Wasatch	6,965'
Mesaverde	9,835'
Castlegate	12,685'
Blackhawk	13,035'
Mancos Shale	13,475'
Mancos B	14,060'
TD	17,500'

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Wasatch	6,965'
Gas	Mesaverde	9,835'
Gas	Blackhawk	13,035'
Gas	Mancos Shale	13,475'
Gas	Mancos B	14,060'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be

DRILLING PROGRAM

obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. **Operator's Specification for Pressure Control Equipment:**

- A. 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

4. **Casing Design:**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	sfc	120'	Steel	Cond.	None	Used
14-3/4"	10-3/4"	sfc	4,500'	40.5	J-55	STC	New
9-7/8"	7-5/8"	sfc	500'	33.7	HCP-110	LTC	New
9-7/8"	7-5/8"	500'	10,300'	29.7	HCP-110	LTC	New
9-7/8"	7-5/8"	10,300'	12,800'	33.7	HCP-110	LTC	New
6-1/2"	4-1/2"	sfc	14,500'	15.1	P-110	LTC	New
6-1/2"	4-1/2"	14,500'	17,500'	15.1	Q-125	LTC	New

DRILLING PROGRAM

Casing Strengths:				Collapse	Burst	Tensile (minimum)
10-3/4"	40.5 lb.	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7-5/8"	29.7 lb.	HCP-110	LTC	7,150 psi	9,470 psi	769,000 lb.
7-5/8"	33.7 lb.	HCP-110	LTC	8,800 psi	10,860 psi	901,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125

BURST: 1.10

TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot

Maximum anticipated mud weight: 15.4 ppg

Maximum surface treating pressure: 12,500 psi

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

DRILLING PROGRAM

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 4500' to TD
GR-SP-Induction, Neutron Density, FMI
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

20" Conductor:

Cement to surface with construction cement.

10-3/4" Surface Casing: sfc - 4500' (MD)

Lead Slurry: 0' – 4,250'. 1620 sks (4765 cu ft) Rockies LT cement + 0.25 lb/sk Flocele. Slurry wt: 11.5 ppg, Slurry yield: 2.94 ft³/sk, Slurry volume: 14-3/4" hole + 100% excess.

Tail Slurry: 4,250' – 4,500'. 160 sks (320 cu ft) Rockies LT cement + 0.25 lb/sk Flocele. Slurry wt: 13.0 ppg, Slurry yield: 1.99 ft³/sk, Slurry volume: 14-3/4" hole + 100% excess.

7-5/8" Intermediate Casing: sfc - 12,800' (MD)

Foamed Lead Slurry 1: 0' – 6,000'. 780 sks (1535 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesalant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.0 ppg, Slurry yield: 1.48 ft³/sk, Slurry yield foamed: 1.98 ft³/sk, Slurry volume: 9-7/8" hole + 50% excess in open hole section.

DRILLING PROGRAM

Foamed Lead Slurry 2: 6,000' – 12,300'. 1,035 sks (2030 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesealant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft³/sk, Slurry yield foamed: 1.96 ft³/sk, Slurry volume: 9-7/8" hole + 50% excess.

Tail Slurry: 12,300' – 12,800'. 120 sks (175 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft³/sk, Slurry volume: 9-7/8" hole + 50% excess.

Top Out Cement: 75 sks (117 cu ft) Premium cement + 10 lb/sk gilsonite + 12% Cal-Seal 60 + 3% CaCl₂.

4-1/2" Production Casing: sfc - 17,500' (MD)

Lead/Tail Slurry: 6,500 - 17,500'. 995 sks (1630 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft³/sk, Slurry volume: 6-1/2" hole + 25% in open hole section.

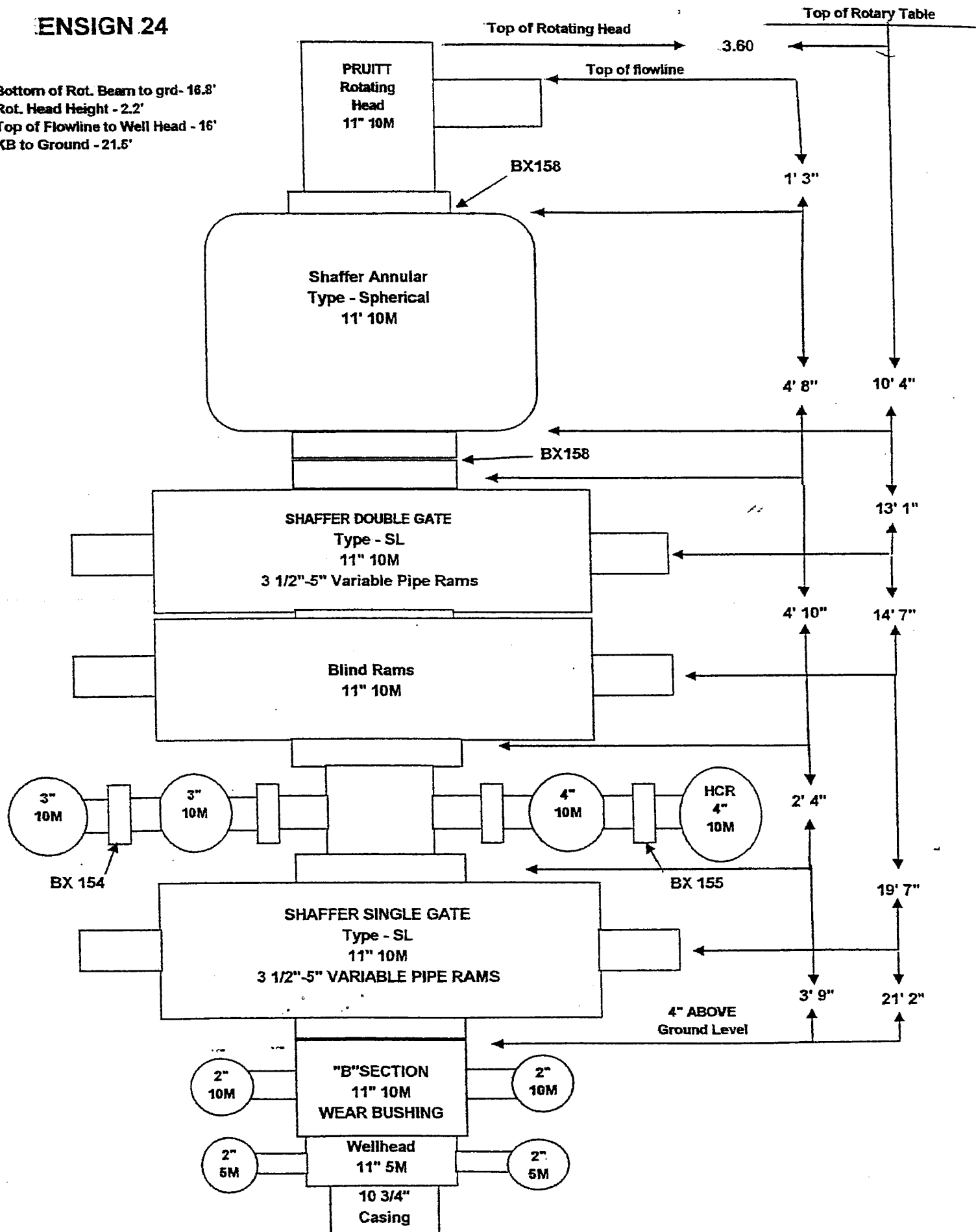
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

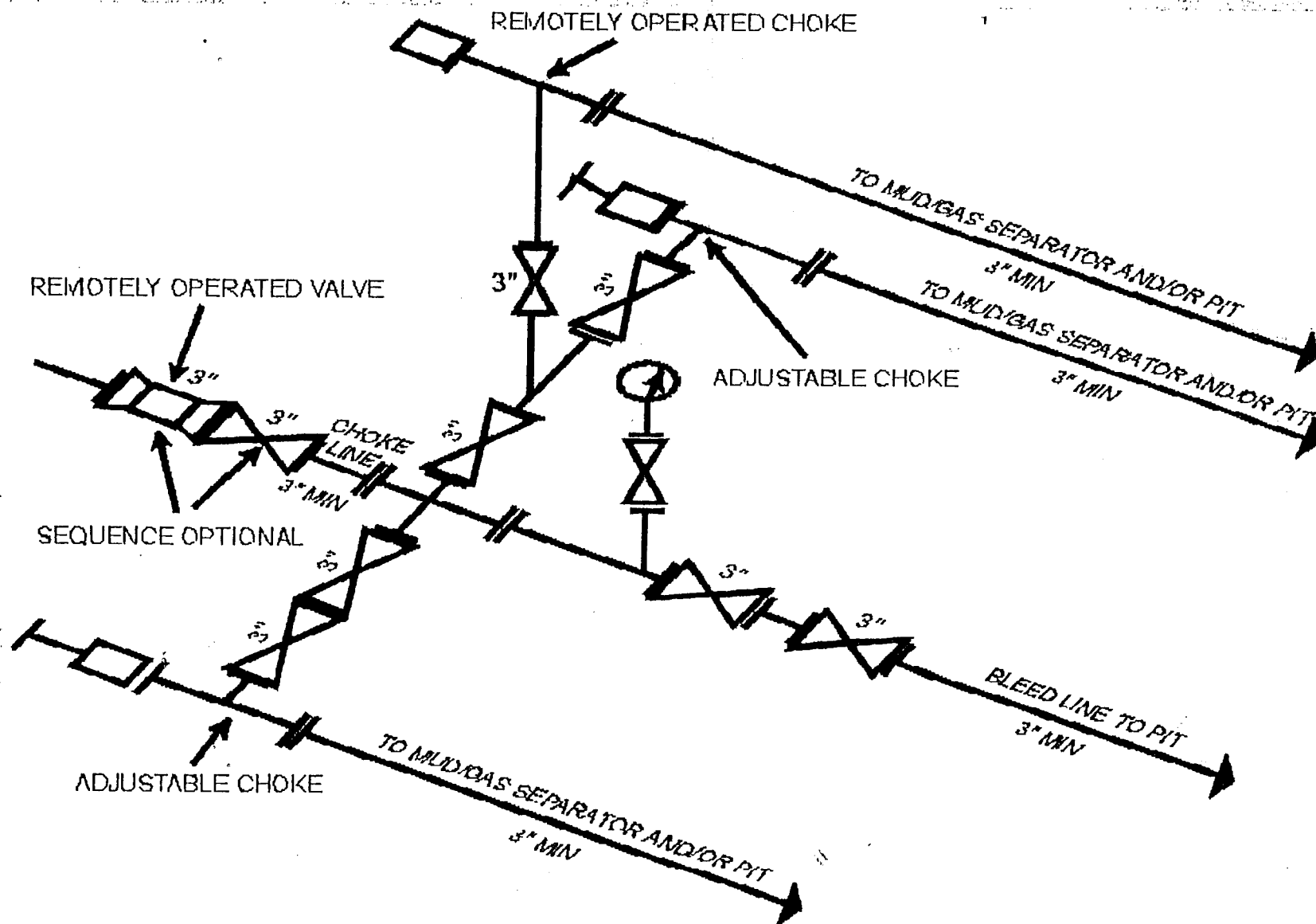
No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 14,000 psi. Maximum anticipated bottom hole temperature is 320° F.

ENSIGN 24

Bottom of Rot. Beam to grd- 18.8'
 Rot. Head Height - 2.2'
 Top of Flowline to Well Head - 16'
 KB to Ground - 21.5'



Attachment I. Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

CONFIDENTIALForm 3160-5
(November 1994)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.

UTU-71416

6. If Indian, Allottee or Tribe Name

N/A

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

7. If Unit or CA/Agreement, Name and/or No.

STIRRUP UNIT

8. Well Name and No.

SU BW 14M-7-7-22

9. API Well No.

43-047-36136

10. Field and Pool, or Exploratory Area

HORSE SHOE

11. County or Parish, State

UINTAH

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

QEP Uinta Basin, Inc.

Contact: Steven Hall

3a. Address

11002 East 17500 South, Vernal, UT 84078

3b. Phone No. (include area code)

303-672-6919

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

776' FSL 2336' FWL SESW SECTION 7 T7S R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Subsequent Report☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Final Abandonment Notice☐ Casing Repair☐ New Construction☐ Recomplete☒ Other TD CHANGE☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to drill this well to the Mancos B formation. The proposed TD was 14,275', the new proposed TD will be 17,500'. Please refer to attached drilling plan.

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

By:

COPY SENT TO OPERATOR
Date: 10/2/06
Initials: PM

*Further Approval of this
Action is Necessary*

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jan Nelson

Signature

Title

Regulatory Affairs

Date

August 2, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Instructions on reverse)

AUG 04 2006

DIV. OF OIL, GAS & MINING

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	3,615'
Mahogeny	4,090'
Wasatch	6,965'
Mesaverde	9,835'
Castlegate	12,685'
Blackhawk	13,035'
Mancos Shale	13,475'
Mancos B	14,060'
TD	17,500'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Wasatch	6,965'
Gas	Mesaverde	9,835'
Gas	Blackhawk	13,035'
Gas	Mancos Shale	13,475'
Gas	Mancos B	14,060'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be

RECEIVED

AUG 04 2006

DIV. OF OIL, GAS & MINING

DRILLING PROGRAM

obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. **Operator's Specification for Pressure Control Equipment:**

- A. 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

4. **Casing Design:**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	sfc	120'	Steel	Cond.	None	Used
14-3/4"	10-3/4"	sfc	4,500'	40.5	J-55	STC	New
9-7/8"	7-5/8"	sfc	2,500'	39.0	P-110	LTC	New
9-7/8"	7-5/8"	2,500'	9,500'	29.7	HCP-110	LTC	New
9-7/8"	7-5/8"	9,500'	13,500'	39.0	P-110	LTC	New
6-1/2"	4-1/2"	sfc	10,500'	15.1	HCP-110	LTC	New
6-1/2"	4-1/2"	10,500'	17,500'	15.1	HCQ-125	LTC	New

DRILLING PROGRAM

RECEIVED
AUG 04 2006
DIV. OF OIL, GAS & MINING

Casing Strengths:				Collapse	Burst	Tensile (minimum)
10-3/4"	40.5 lb.	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7-5/8"	29.7 lb.	HCP-110	LTC	7,150 psi	9,470 psi	769,000 lb.
7-5/8"	39.0 lb.	P-110	LTC	11,080 psi	12,620 psi	1,066,000 lb.
4-1/2"	15.1 lb.	HCP-110	LTC	14,340 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,830 psi	16,380 psi	438,000 lb.

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125

BURST: 1.10

TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot

Maximum anticipated mud weight: 15.4 ppg

Maximum surface treating pressure: 12,500 psi

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

DRILLING PROGRAM

RECEIVED
AUG 04 2006
DIV. OF OIL, GAS & MINING

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 4500' to TD
GR-SP-Induction, Neutron Density, FMI
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

20" Conductor:

Cement to surface with construction cement.

10-3/4" Surface Casing: sfc - 4500' (MD)

Lead Slurry: 0' – 4,250'. 1620 sks (4765 cu ft) Rockies LT cement + 0.25 lb/sk Flocele. Slurry wt: 11.5 ppg, Slurry yield: 2.94 ft³/sk, Slurry volume: 14-3/4" hole + 100% excess.

Tail Slurry: 4,250' – 4,500'. 160 sks (320 cu ft) Rockies LT cement + 0.25 lb/sk Flocele. Slurry wt: 13.0 ppg, Slurry yield: 1.99 ft³/sk, Slurry volume: 14-3/4" hole + 100% excess.

7-5/8" Intermediate Casing: sfc - 13,500' (MD)

Foamed Lead Slurry 1: 0' – 6,000'. 780 sks (1535 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesealant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.0 ppg, Slurry yield: 1.48 ft³/sk, Slurry volume: 9-7/8" hole + 50% excess in open hole section.

DRILLING PROGRAM

Foamed Lead Slurry 2: 6,000' – 13,000'. 1,160 sks (2255 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesealant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft³/sk, Slurry volume: 9-7/8" hole + 50% excess.

Tail Slurry: 13,000' – 13,500'. 120 sks (175 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft³/sk, Slurry volume: 9-7/8" hole + 50% excess.

4-1/2" Production Casing: sfc - 17,500' (MD)

Lead/Tail Slurry: 6,500 - 17,500'. 995 sks (1630 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft³/sk, Slurry volume: 6-1/2" hole + 25% in open hole section.

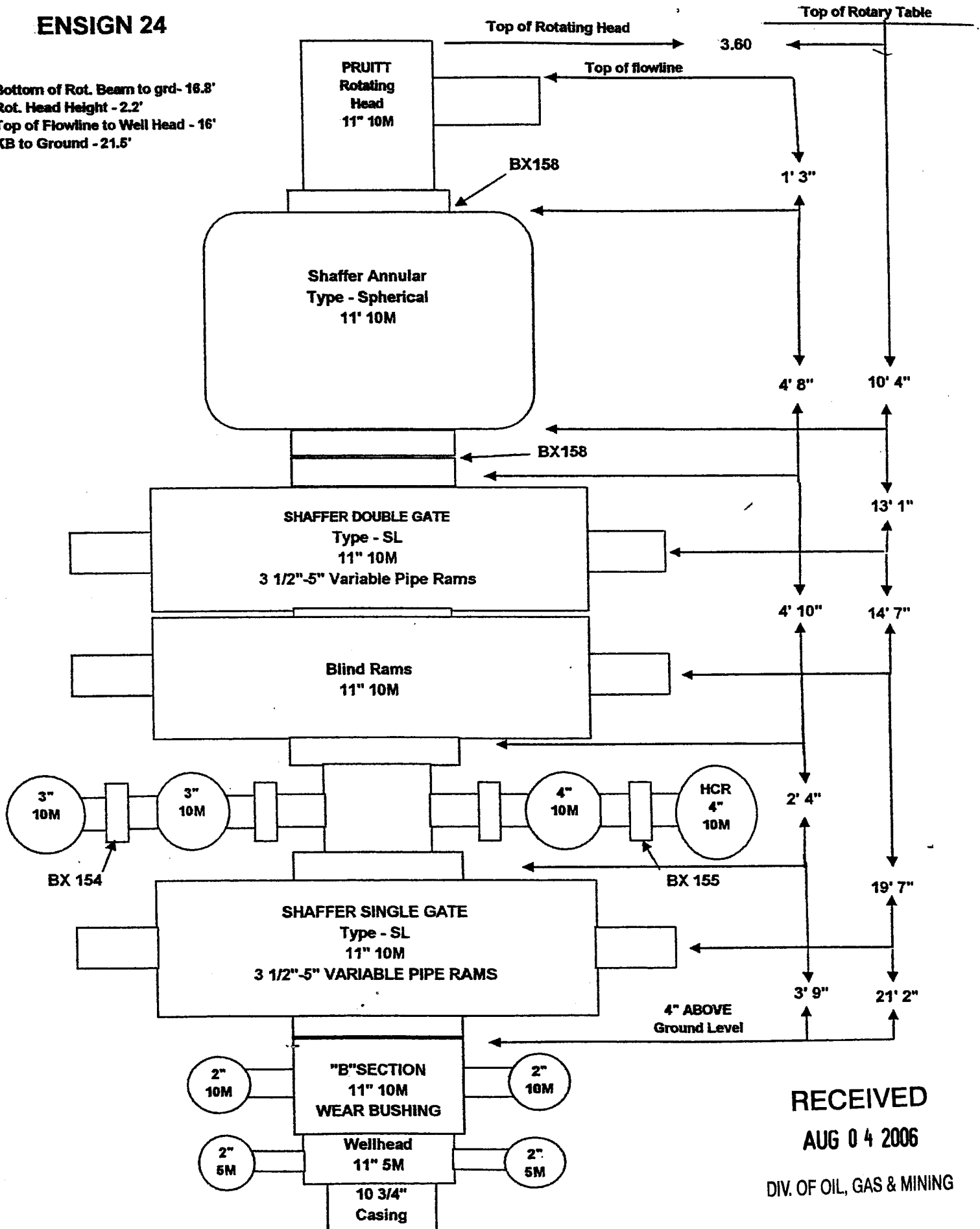
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 14,000 psi. Maximum anticipated bottom hole temperature is 320° F.

ENSIGN 24

Bottom of Rot. Beam to grd- 16.8'
 Rot. Head Height - 2.2'
 Top of Flowline to Well Head - 16'
 KB to Ground - 21.5'

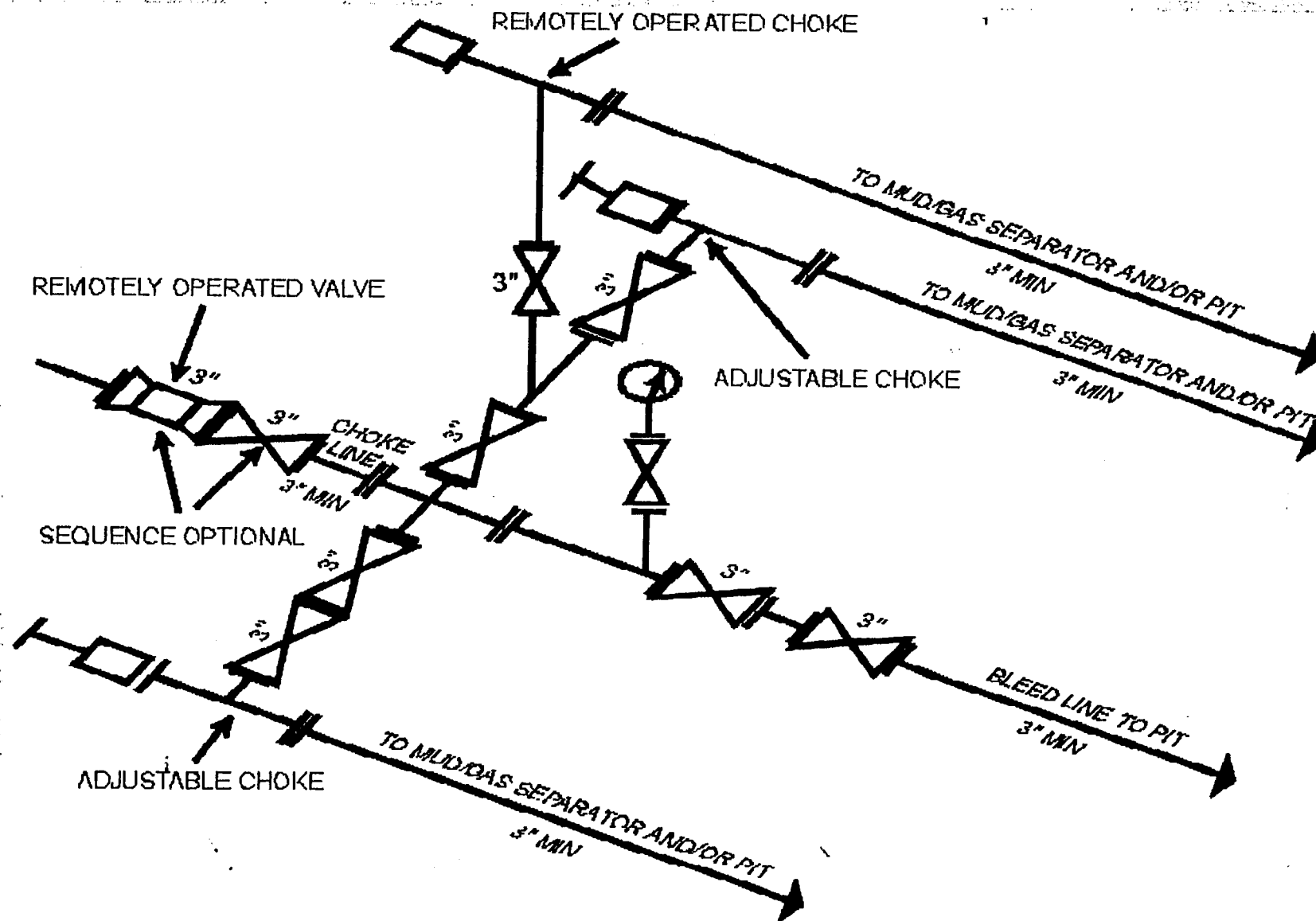


RECEIVED

AUG 04 2006

DIV. OF OIL, GAS & MINING

Attachment I. Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

DIV. OF OIL, GAS & MINES

RECEIVED
AUG 04 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☒ Well ☐ Other

CONFIDENTIAL

2. Name of Operator

QEP, UINTA BASIN, INC.

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Contact: Dahn.Caldwell@questar.com
435-781-4342 Fax 435-781-4357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

776' FSL, 2336' FWL, SESW, SEC 7-T7S-R22E

5. Lease Designation and Serial No.

UTU-71416

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

STIRRUP UNIT

8. Well Name and No.

SU BW 14M 7 7 22

9. API Well No.

36136
43-047-36912

10. Field and Pool, or Exploratory Area

HORSE SHOE

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SPUD

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 7/26/06 - Drilled 120' of 32" conductor hole. Set 120' of 20" conductor pipe. Cement w/ Ready Mix.

On 8/29/06 Drilled 14-3/4" Hole. Run 109 J-55, 45.50#, 10-3/4" jts to 4740'. Cmt w/ 940 sxs Hi-Fill Mod & 375 sxs Class 'G' Tail.

RECEIVED

OCT 19 2006

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct

Signed

Dahn F. Caldwell

Office Administrator II

DIV. OF OIL, GAS & MINING 10/01/06

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

CONFIDENTIAL

State of Utah
Division of Oil, Gas and Mining

OPERATOR: QEP Uinta Basin, Inc.
ADDRESS: 11002 East 17500 South
Vernal, Utah 84078-8526

OPERATOR ACCT. No. N-2460

(435)781-4300

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	15734	43-047-36136	SU BW 14M 7 7 22	SESW	7	7S	22E	Uintah	7/26/2006	10/26/06
WELL 1 COMMENTS: <i>MNCS</i> CONFIDENTIAL											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

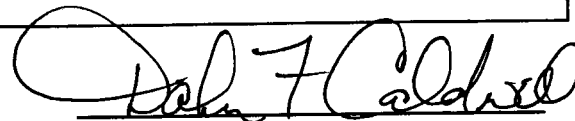
(3/89)

RECEIVED

OCT 19 2006

DIV. OF OIL, GAS & MINING

CONFIDENTIAL



Signature

Office Administrator II 10/01/06
Title Date

Phone No. (435)781-4342

CONFIDENTIAL

QEP
SUBW 14M-7-7-22
43-047-36136
7 7S 22E

12/21/06-1/2/07
12/27/06 Everything a go to frac next week
12/29/06 Will RU Halli and other necessary equip Tues Jan 2; fracs start Weds Jan 3;
1/2/07 RU Halli and other necessary equip today for fracs(6) starting 7 a.m. Weds Jan 3.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2007

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900
---	--

CA No.				Unit:	STIRRUP UNIT						
WELL NAME				SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS							*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
STIRRUP UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
LEOTA FED 1	LEOTA 1-34-2B	NENE	34	070S	210E	4304730879	5420	Federal	OW	P
WV 2W-9-8-21	WV 2W-9-8-21	NWNE	09	080S	210E	4304733905	13676	Federal	GW	P
WV 2W-3-8-21	WV 2W-3-8-21	NWNE	03	080S	210E	4304734207	13677	Federal	GW	P
SU PURDY 7W-34-7-21	SU PURDY 7W-34-7-21	SWNE	34	070S	210E	4304734380	13679	Federal	GW	S
SU PURDY 14M-30-7-22	SU PURDY 14M-30-7-22	SESW	30	070S	220E	4304734384	13750	Federal	GW	P
SU BW 6M-7-7-22	SU BW 6M-7-7-22	SESW	07	070S	220E	4304734837	13966	Federal	GW	P
SU 11MU-9-8-21	SU 11MU-9-8-21	NESW	09	080S	210E	4304735412	14143	Federal	GW	P
SU 8M-12-7-21	SU 8M-12-7-21	SENE	12	070S	210E	4304736096		Federal	GW	APD
SUBW 14M-7-7-22	SUBW 14M-7-7-22	SESW	07	070S	220E	4304736136	15734	Federal	GW	DRL
SU 16M-7-7-22	SU 16M-7-7-22	SESE	07	070S	220E	4304736137		Federal	GW	APD
SUBW 8M-7-7-22	SUBW 8M-7-7-22	SENE	07	070S	220E	4304736138		Federal	GW	APD
HB 14ML-9-7-22	TU 14-9-7-22	SESW	09	070S	220E	4304737345		Federal	GW	APD
WV 2W-2-8-21	WV 2W-2-8-21	NWNE	02	080S	210E	4304734034	13678	State	GW	P
WV 11W-36-7-21	WV 11W-36-7-21	NESW	36	070S	210E	4304734067	13678	State	GW	S
WV 5W-36-7-21	WV 5W-36-7-21	SWNW	36	070S	210E	4304734099	13807	State	GW	DRL
WV 13W-36-7-21	WV 13W-36-7-21	SWSW	36	070S	210E	4304734100	13678	State	GW	P

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068	8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached	9. API NUMBER: attached
	10. FIELD AND POOL, OR WILDCAT:

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs
SIGNATURE DATE 3/16/2007

(This space for State use only)

RECEIVED

APR 19 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 Denver, CO 80265
PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
see attached

7. UNIT or CA AGREEMENT NAME:
see attached

8. WELL NAME and NUMBER:
see attached

9. API NUMBER:
attached

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Name Changes
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE  DATE 4/17/2007

(This space for State use only)

RECEIVED

APR 19 2007

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Stirrup Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Stirrup Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Stirrup Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Stirrup Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Stirrup Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

RECEIVED

APR 30 2007

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

MONTHLY COMPLETION OPERATIONS REPORT – 1/3/07 – 1/31/07UINTA BASINCONFIDENTIAL – TIGHT HOLE

CEP

Uinta Basin Completion Update for 1/3/07 – 1/31/07TONGARE S-7
43-047-36136SUBW 14M-7-7-22:

1/3/07 – RU Halli. and other necessary equip. for fracs (6) on Jan 2nd; stage 1 - Mancos 'B' pumped per design this morning, 59,000 lbs. 40/70 resin prop. w/ 4,325 bbls. @ 30 BPM and ATP of 10,000 psi (had to get FR lined out which caused higher STP; stage 2 – Mancos shale pumped per design this afternoon, 45,800 lbs. 40/70 resin w/ 4,026 bbls. @ 45 BPM and ATP of 7,500 psi; stage 3 (another Mancos shale) will be pumped tonight, which leaves 3 for tomorrow.

1/4/07 - RU Halli. and other necessary equip. for fracs (6):

Stage 1 - Mancos 'B' pumped per design Jan. 3rd, 59,000 lbs. 40/70 resin prop. w/ 4,325 bbls. @ 30 BPM and ATP of 10,000 psi.

Stage 2 – Mancos shale pumped per design Jan. 3rd, 45,800 lbs. 40/70 resin w/ 4,026 bbls. @ 45 BPM and ATP of 7,500 psi.

Stage 3 – Blackhawk pumped per design Jan 3rd; 100,000 lbs. 40/70 resin w/ 4,752 bbls. @ 58 BPM and ATP of 7,500 psi.

Stage 4 – LMV pumped Jan. 4th; 85,000 lbs. 20/40 resin w/ 4,585 bbls. @ 57 BPM and ATP of 7,400 psi.

Stage 5 – LMV pumped Jan. 4th; 104,000 lbs. 20/40 resin w/ 5,000 bbls. @ 60 BPM and ATP of 7,500 psi.

Stage 6 – LMV will be pumped tonight by approx. 6 p.m.

1/5/07 - Stage 6 – LMV last stage pumped successfully last night; 70 Mlbs. w/ 2532 bbls. @ 60 BPM @ ATP of 5700 psi.; CTU RU and TIH to drill plugs currently, should be finished by midnight.

1/8/07 - 6 fracs pumped last week; CTU RU drilled plugs Friday; currently to sales @ FCP = 3625 psi; GAS RATE= 1.74 MMCF/D; H2O PER HR.= 32 BBLS; CHOKE SIZE= 16/ADJ.

1/9/07 - 1.7 mmcfpd, FCP 3200 psi on 18/64" choke, 42 BWPH, RD Parchman today @ 13:00, will demob tomorrow.

1/10/07 - 1.7 mmcfpd, FCP 3200 psi on 18/64" choke, 42 BWPH;

1/11/07 - FCP = 2,679 PSI; 1,787 MCF, 39 BO, 1,268 BW, on a 20/64".

RECEIVED

FEB 06 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side).

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. UTU - 71416	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME STIRRUP UNIT	
2. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION CO.		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 1571 East 1700 South - Vernal, UT 84078		8. FARM OR LEASE NAME N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface SESW, SEC 7-T7S-R22E, 776' FSL, 2336' FWL At top rod. interval reported below SESW, SEC 7-T7S-R22E, 776' FSL, 2336' FWL At total depth SESW, SEC 7-T7S-R22E, 776' FSL, 2336' FWL		9. WELL NO. SUBW 14M 7 7 22	
14. PERMIT NO. 43-047- 36136		12. COUNTY OR PARISH UINTAH	
DATE ISSUED		13. STATE UT	
15. DATE SPUDDED 07/26/06	16. DATE T.D. REACHED 10/21/06	17. DATE COMPL. (Ready to prod.) 01/05/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB
20. TOTAL DEPTH, MD & TVD 14,220'	21. PLUG BACK T.D., MD & TVD 14,217'	22. IF MULTIPLE COMPL., HOW MANY*	19. ELEV. CASINGHEAD CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* SEE ATTACHMENT PAGE 1			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN NOT AVAILABLE AT THIS TIME CBL, GR			27. WAS WELL CORED NO
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE
10-3/4"	45.5#	4,826'	17-1/2"
4-1/2"	15.1#	14,217'	6-1/2"
7-5/8"	33.7# & 29.7#	12,176'	9-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			2-3/8"
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	DEPTH SET (MD)
			13,891'
31. PERFORATION RECORD (Interval, size and number) SEE ATTACHMENT PAGE 1			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
SEE ATTACHMENT PG 1		SEE ATTACHMENT PAGE 1	
33. PRODUCTION			
DATE FIRST PRODUCTION 01/05/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) FLOWING	
WELL STATUS (Producing or shut-in) PRODUCING			
DATE OF TEST 01/12/07	HOURS TESTED 24	CHOKE SIZE 20/64"	PROD'N FOR TEST PERIOD OIL--BBL. 39
FLOW. TUBING PRESS. N/A	CASING PRESSURE 2,535	CALCULATED 24-HOUR RATE OIL--BBL. 1,871	GAS--MCF. 1,268
WATER--BBL.		GAS-OIL RATIO	
OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD			
35. LIST OF ATTACHMENTS WELLBORE SCHEMATIC & PERFORATION DETAIL ATTACHMENT PAGE 1			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED JIM SIMONTON		TITLE COMPLETION SUPERVISOR	
DATE 06/13/07			

(See Instructions and Spaces for Additional Data on Reverse Side)

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS SUBW 14M 7 7 22		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE			GREEN RIVER	3615'	
GREEN RIVER	3615'			MAHOGENY	4090'	
MAHOGENY	4090'			WASATCH	6965'	
WASATCH	6965'			MESA VERDE	9835	
MESA VERDE	9835			CASTLE GATE	12685'	
CASTLE GATE	12685'			BLACKHAWK	13035'	
BLACKHAWK	13035'			MANCOS SHALE	13475'	
MANCOS SHALE	13475'			MANCOS B	14060'	
MANCOS B	14060'			TD	14220'	
TD	14220'					

CONFIDENTIAL

SUBW 14M 7 7 22 – ATTACHMENT PAGE 1
PERFORATION DETAIL:

<u>Open Perfs</u>	<u>Stimulation</u>	<u>Perf Status</u>
10,976' – 10,978'	Frac w/ 60,800 Lbs in * Gals	Open - LMV
11,049' – 11,053'		Open - LMV
11,122' – 11,126'		Open - LMV
11,164' – 11,168'		Open - LMV
11,268' – 11,270'		Open - LMV
11,389' – 11,391'	Frac w/ 103,700 Lbs in * Gals	Open - LMV
11,424' – 11,426'		Open - LMV
11,470' – 11,474'		Open - LMV
11,512' – 11,514'		Open - LMV
11,631' – 11,633'		Open - LMV
11,742' – 11,744'		Open - LMV
11,870' – 11,872'		Open - LMV
12,019' – 12,021'	Frac w/ 85,200 Lbs in * Gals	Open - LMV
12,170' – 12,172'		Open - LMV
12,204' – 12,206'		Open - LMV
12,292' – 12,296'		Open - LMV
12,326' – 12,328'		Open - LMV
12,376' – 12,378'		Open - LMV
12,458' – 12,460'		Open - LMV
13,104' – 13,106'	Frac w/ 101,800 Lbs in * Gals	Open - Blackhawk
13,158' – 13,160'		Open - Blackhawk
13,164' – 13,166'		Open - Blackhawk
13,194' – 13,196'		Open - Blackhawk
13,305' – 13,311'		Open - Blackhawk
13,364' – 13,366'		Open - Blackhawk
13,452'	Frac w/ 45,800 Lbs in * Gals	Open - Mancos
13,458'		Open - Mancos
13,478'		Open - Mancos
13,500'		Open - Mancos
13,529'		Open - Mancos
13,557'		Open - Mancos
13,702'		Open - Mancos
13,793'		Open - Mancos
13,798'		Open - Mancos
13,831'		Open - Mancos

CONFIDENTIAL

13,964'	}						Open - Mancos B
13,976'							Open - Mancos B
13,984'							Open - Mancos B
14,000'							Open - Mancos B
14,004'		Frac w/	58,900	Lbs in	*	Gals	Open - Mancos B
14,054'							Open - Mancos B
14,081'							Open - Mancos B
14,105'							Open - Mancos B
14,120'							Open - Mancos B
14,126'							Open - Mancos B

* No liquid information was available.

CONFIDENTIAL

UTO8739P03

FIELD: Baser Wash

GL: 5,091 ' KBE: 5,112 '

Spud Date 8/25/06 Completion dat 5-17-07

Well: SUBW 14M-7-7-22

TD: 14,220 ' PBTD: 14,217 '

Current Well Status: Flowing Gas Well

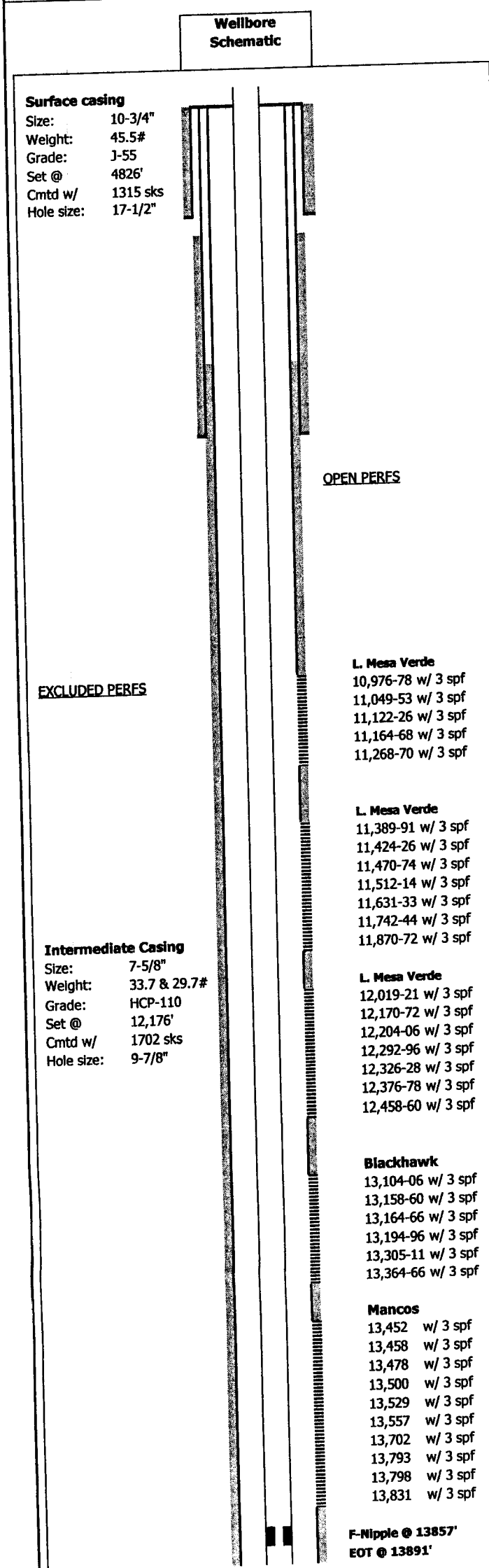
Location - surface: 776' FSL, 2336' FWL, SESW Sec. 7, T7S, R22E

Reason for Pull/Workover Initial completion

API#:43-047- 36136

Uintah County, Utah

Deviation:



Tubing Landing Detail:

Description	Size	Footage	Depth
KB		22.00	22.00
Hanger		0.85	22.85
42' jts 2 3/8" P-110 tbg		13,833.40	13,856.25
1.81" f-nipple		0.91	13,857.16
1 jts 2 3/8" P-110 tbg		32.67	13,889.83
notched shear sub		0.79	13,890.62
EOT @			13,890.62

Tubing Information:

Condition:

New: x Used: Rerun:

Grade: P-110

Weight (#/ft): 4.7#

Wellhead Detai Example: 7-1/16" 3000#

4-1/16" 15,000#

Other:

Hanger: Yes ☒ No

SUMMARY

Mancos B

Zone 1 - Gross interval 13,964-14,126'. Frac w/ 58,900# 40/70 resin.

Mancos

Zone 2- Gross Interval 13,452 - 13,831'. Frac w/ 45,800# 40/70 resin.

Blackhawk

Zone 3 - Gross Interval 13,104 - 13,366'. Frac w/ 101,800# 40/70 resin.

Lower Mesa Verde

Zone 4 - Gross Interval 12,019 - 12,460'. Frac w/ 85,200# 30/50 resin.

Zone 5 - Gross Interval 11,389 - 11,872'. Frac w/ 103,700# 30/50 resin.

Zone 6 - Gross Interval 10,976 - 11,270'. Frac w/ 60,800# 30/50 resin.

** Note: Stages 4-6 traced w/ Ir, Sc, Sb; 1 tracer per stage

5/14-17/07 MIRU. Set BP valve in Wellhead. NDWH & NU BOP. Bullhead 40 bbls brine wtr d/ csg. Remove hanger & BP valve. PU, tally & RIH w/ mill, shear sub 1 ft 2 3/8" tbg, f-nipple & 2 3/8" tbg. Tag @ 14210'. Land tbg on hanger @ 13891'. Drop ball. ND BOP & NUWH. Shear off bit. Turn well over to production. RDMO

CONFIDENTIAL

[illegible]

CONFIDENTIAL

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

The operator of the well(s) listed below has changed, effective:

6/14/2010

FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
--	---

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900		7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached COUNTY: Attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		8. WELL NAME and NUMBER: See attached
		9. API NUMBER: Attached
		10. FIELD AND POOL, OR WILDCAT: See attached

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~ *965010695*

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED *6/30/2009*

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WEST RIVER BEND 3-12-10-15	12	100S	150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	100S	170E	4301332057	14543	Federal	OW	P	
WEST DESERT SPRING 11-20-10-17	20	100S	170E	4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	090S	150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	090S	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35	090S	150E	4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35	090S	150E	4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35	090S	150E	4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35	090S	150E	4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34	090S	150E	4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	090S	150E	4301333828		Federal	OW	APD	C
GD 7G-34-9-15	34	090S	150E	4301333829		Federal	OW	APD	C
GD 7G-35-9-15	35	090S	150E	4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	090S	150E	4301333831		Federal	OW	APD	C
GD 15G-35-9-15	35	090S	150E	4301333832		Federal	OW	APD	C
GD 16G-35-9-15	35	090S	150E	4301333833	16921	Federal	OW	P	
GD 1G-35-9-15	35	090S	150E	4301333834		Federal	OW	APD	C
GD 2G-35-9-15	35	090S	150E	4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35	090S	150E	4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35	090S	150E	4301333837		Federal	OW	APD	C
GD 5G-35-9-15	35	090S	150E	4301333838		Federal	OW	APD	C
GD 6G-35-9-15	35	090S	150E	4301333839		Federal	OW	APD	C
GD 8G-34-9-15	34	090S	150E	4301333840		Federal	OW	APD	C
GD 9G-34-9-15	34	090S	150E	4301333841		Federal	OW	APD	C
GD 10G-34-9-15	34	090S	150E	4301333842		Federal	OW	APD	C
GD 15G-34-9-15	34	090S	150E	4301333843		Federal	OW	APD	C
GD 16G-34-9-15	34	090S	150E	4301333844		Federal	OW	APD	C
GOVT 18-2	18	230S	170E	4301930679	2575	Federal	OW	P	
FEDERAL 2-29-7-22	29	070S	220E	4304715423	5266	Federal	GW	TA	
UTAH FED D-1	14	070S	240E	4304715936	10699	Federal	GW	S	
UTAH FED D-2	25	070S	240E	4304715937	9295	Federal	GW	S	
PRINCE 1	10	070S	240E	4304716199	7035	Federal	GW	P	
UTAH FED D-4	14	070S	240E	4304731215	9297	Federal	GW	S	
ISLAND UNIT 16	11	100S	180E	4304731505	1061	Federal	OW	S	
EAST COYOTE FED 14-4-8-25	04	080S	250E	4304732493	11630	Federal	OW	P	
PRINCE 4	03	070S	240E	4304732677	7035	Federal	OW	P	
GH 21 WG	21	080S	210E	4304732692	11819	Federal	GW	P	
OU SG 6-14-8-22	14	080S	220E	4304732746	11944	Federal	GW	S	
FLU KNOLLS FED 23-3	03	100S	180E	4304732754	12003	Federal	OW	P	
GH 22 WG	22	080S	210E	4304732818	12336	Federal	GW	P	
OU GB 12W-20-8-22	20	080S	220E	4304733249	13488	Federal	GW	P	
OU GB 15-18-8-22	18	080S	220E	4304733364	12690	Federal	GW	P	
OU GB 3W-17-8-22	17	080S	220E	4304733513	12950	Federal	GW	P	
OU GB 5W-17-8-22	17	080S	220E	4304733514	12873	Federal	GW	P	
WV 9W-8-8-22	08	080S	220E	4304733515	13395	Federal	GW	P	
OU GB 9W-18-8-22	18	080S	220E	4304733516	12997	Federal	GW	P	
OU GB 3W-20-8-22	20	080S	220E	4304733526	13514	Federal	GW	P	
OU GB 12W-30-8-22	30	080S	220E	4304733670	13380	Federal	GW	P	
WV 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P	
GH 7W-21-8-21	21	080S	210E	4304733845	13050	Federal	GW	P	
GH 9W-21-8-21	21	080S	210E	4304733846	13074	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal	GW	P	
WV 2W-9-8-21	09	080S	210E	4304733905	13676	Federal	GW	P	
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P	
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal	GW	P	
GH 14W-20-8-21	20	080S	210E	4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal	GW	P	
OU GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal	GW	P	
OU GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal	GW	P	
OU GB 12W-19-8-22	19	080S	220E	4304733948	13388	Federal	GW	P	
GB 9W-25-8-21	25	080S	210E	4304733960	13390	Federal	GW	P	
SU 1W-5-8-22	05	080S	220E	4304733985	13369	Federal	GW	P	
SU 3W-5-8-22	05	080S	220E	4304733987	13321	Federal	OW	S	
SU 7W-5-8-22	05	080S	220E	4304733988	13235	Federal	GW	P	
SU 9W-5-8-22	05	080S	220E	4304733990	13238	Federal	GW	P	
SU 13W-5-8-22	05	080S	220E	4304733994	13236	Federal	GW	TA	
SU 15W-5-8-22	05	080S	220E	4304733996	13240	Federal	GW	P	
WV 8W-8-8-22	08	080S	220E	4304734005	13320	Federal	GW	P	
WV 14W-8-8-22	08	080S	220E	4304734007	13322	Federal	GW	S	
OU GB 6W-20-8-22	20	080S	220E	4304734018	13518	Federal	GW	P	
OU GB 5W-30-8-22	30	080S	220E	4304734025	13502	Federal	GW	P	
OU GB 11W-20-8-22	20	080S	220E	4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20	080S	220E	4304734043	13520	Federal	GW	P	
GH 5W-21-8-21	21	080S	210E	4304734147	13387	Federal	GW	P	
GH 6W-21-8-21	21	080S	210E	4304734148	13371	Federal	GW	P	
GH 8W-21-8-21	21	080S	210E	4304734149	13293	Federal	GW	P	
GH 10W-20-8-21	20	080S	210E	4304734151	13328	Federal	GW	P	
GH 10W-21-8-21	21	080S	210E	4304734152	13378	Federal	GW	P	
GH 12W-21-8-21	21	080S	210E	4304734153	13294	Federal	GW	P	
GH 14W-21-8-21	21	080S	210E	4304734154	13292	Federal	GW	P	
GH 16W-21-8-21	21	080S	210E	4304734157	13329	Federal	GW	P	
WV 2W-3-8-21	03	080S	210E	4304734207	13677	Federal	GW	P	
OU GB 5W-20-8-22	20	080S	220E	4304734209	13414	Federal	GW	P	
WV 6W-22-8-21	22	080S	210E	4304734272	13379	Federal	GW	P	
GH 1W-20-8-21	20	080S	210E	4304734327	13451	Federal	GW	P	
GH 2W-20-8-21	20	080S	210E	4304734328	13527	Federal	GW	P	
GH 3W-20-8-21	20	080S	210E	4304734329	13728	Federal	GW	P	
GH 7W-20-8-21	20	080S	210E	4304734332	13537	Federal	GW	P	
GH 9W-20-8-21	20	080S	210E	4304734333	13411	Federal	GW	P	
GH 11W-20-8-21	20	080S	210E	4304734334	13410	Federal	GW	P	
GH 15W-20-8-21	20	080S	210E	4304734335	13407	Federal	GW	P	
GH 16W-20-8-21	20	080S	210E	4304734336	13501	Federal	GW	P	
WV 12W-23-8-21	23	080S	210E	4304734343	13430	Federal	GW	P	
OU GB 13W-20-8-22	20	080S	220E	4304734348	13495	Federal	GW	P	
OU GB 14W-20-8-22	20	080S	220E	4304734349	13507	Federal	GW	P	
OU GB 11W-29-8-22	29	080S	220E	4304734350	13526	Federal	GW	P	
SU PURDY 14M-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	S	
WVX 11G-5-8-22	05	080S	220E	4304734388	13422	Federal	OW	P	
WVX 13G-5-8-22	05	080S	220E	4304734389	13738	Federal	OW	P	
WVX 15G-5-8-22	05	080S	220E	4304734390	13459	Federal	OW	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal	GW	P	
SU 10W-5-8-22	05	080S	220E	4304734456	13540	Federal	GW	P	
WV 16W-8-8-22	08	080S	220E	4304734470	13508	Federal	GW	P	
OU GB 16WX-30-8-22	30	080S	220E	4304734506	13431	Federal	GW	P	
OU GB 1W-19-8-22	19	080S	220E	4304734512	13469	Federal	GW	P	
OU GB 2W-19-8-22	19	080S	220E	4304734513	13461	Federal	GW	P	
OU GB 5W-19-8-22	19	080S	220E	4304734514	13460	Federal	GW	P	
OU GB 7W-19-8-22	19	080S	220E	4304734515	13462	Federal	GW	P	
OU GB 8W-19-8-22	19	080S	220E	4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19	080S	220E	4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19	080S	220E	4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	080S	220E	4304734528	13487	Federal	GW	S	
OU GB 3W-30-8-22	30	080S	220E	4304734529	13493	Federal	GW	P	
OU GB 6W-30-8-22	30	080S	220E	4304734530	13519	Federal	GW	P	
OU GB 7W-30-8-22	30	080S	220E	4304734531	13494	Federal	GW	P	
OU GB 8W-30-8-22	30	080S	220E	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30	080S	220E	4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19	080S	220E	4304734534	13475	Federal	GW	P	
OU GB 10W-19-8-22	19	080S	220E	4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19	080S	220E	4304734536	13478	Federal	GW	P	
OU GB 14W-19-8-22	19	080S	220E	4304734537	13484	Federal	GW	P	
OU GB 15W-19-8-22	19	080S	220E	4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17	080S	220E	4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17	080S	220E	4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17	080S	220E	4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal	GW	P	
OU GB 2W-17-8-22	17	080S	220E	4304734559	13539	Federal	GW	P	
OU GB 7W-17-8-22	17	080S	220E	4304734560	13599	Federal	GW	P	
OU GB 16W-18-8-22	18	080S	220E	4304734563	13559	Federal	GW	P	
OU GB 1W-29-8-22	29	080S	220E	4304734573	13562	Federal	GW	P	
OU GB 7W-29-8-22	29	080S	220E	4304734574	13564	Federal	GW	P	
OU GB 8W-29-8-22	29	080S	220E	4304734575	13609	Federal	GW	S	
OU GB 9W-29-8-22	29	080S	220E	4304734576	13551	Federal	GW	P	
OU GB 10W-29-8-22	29	080S	220E	4304734577	13594	Federal	GW	P	
OU GB 15W-29-8-22	29	080S	220E	4304734578	13569	Federal	GW	P	
OU GB 2W-20-8-22	20	080S	220E	4304734599	13664	Federal	GW	P	
OU GB 2W-29-8-22	29	080S	220E	4304734600	13691	Federal	GW	P	
OU GB 15W-17-8-22	17	080S	220E	4304734601	13632	Federal	GW	P	
OU GB 16W-17-8-22	17	080S	220E	4304734602	13639	Federal	GW	P	
OU GB 16W-29-8-22	29	080S	220E	4304734603	13610	Federal	GW	P	
OU GB 1W-20-8-22	20	080S	220E	4304734604	13612	Federal	GW	P	
OU GB 1W-17-8-22	17	080S	220E	4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20	080S	220E	4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal	GW	P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal	GW	P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21-8-22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21	080S	220E	4304734690	13770	Federal	GW	P	
WIH 1MU-21-8-22	21	080S	220E	4304734693	14001	Federal	GW	P	
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20	080S	220E	4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	P	
OU SG 12W-15-8-22	15	080S	220E	4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15	080S	220E	4304734715	13900	Federal	GW	P	
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15	080S	220E	4304734719	13722	Federal	GW	P	
OU SG 2MU-15-8-22	15	080S	220E	4304734721	13887	Federal	GW	P	
OU SG 7W-15-8-22	15	080S	220E	4304734722	13920	Federal	GW	P	
OU GB 14SG-29-8-22	29	080S	220E	4304734743	14034	Federal	GW	P	
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	P	
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	
OU GB 6MU-21-8-22	21	080S	220E	4304734755	14012	Federal	GW	P	
OU SG 10W-10-8-22	10	080S	220E	4304734764	13751	Federal	GW	P	
OU GB 14M-10-8-22	10	080S	220E	4304734768	13849	Federal	GW	P	
OU SG 9W-10-8-22	10	080S	220E	4304734783	13725	Federal	GW	P	
OU SG 16W-10-8-22	10	080S	220E	4304734784	13781	Federal	GW	P	
SU BW 6M-7-7-22	07	070S	220E	4304734837	13966	Federal	GW	P	
GB 3M-27-8-21	27	080S	210E	4304734900	14614	Federal	GW	P	
WVX 11D-22-8-21	22	080S	210E	4304734902	14632	Federal	GW	P	
GB 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	P	
GB 9D-27-8-21	27	080S	210E	4304734956	14633	Federal	GW	P	
GB 1D-27-8-21	27	080S	210E	4304734957	14634	Federal	GW	P	
WRU EIH 2M-35-8-22	35	080S	220E	4304735052	13931	Federal	GW	P	
GH 12MU-20-8-21	20	080S	210E	4304735069	14129	Federal	GW	P	
OU SG 4W-11-8-22	11	080S	220E	4304735071	14814	Federal	GW	OPS	C
OU SG 5W-11-8-22	11	080S	220E	4304735072	14815	Federal	GW	OPS	C
SG 6ML-11-8-22	11	080S	220E	4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22	14	080S	220E	4304735076	13989	Federal	GW	P	
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	
SG 12MU-23-8-22	23	080S	220E	4304735188	14412	Federal	GW	P	
SG 13MU-23-8-22	23	080S	220E	4304735190	14103	Federal	GW	P	
WH 7G-10-7-24	10	070S	240E	4304735241	14002	Federal	GW	S	
GB 4D-28-8-21	28	080S	210E	4304735246	14645	Federal	GW	P	
GB 7M-28-8-21	28	080S	210E	4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28	080S	210E	4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23	080S	220E	4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14	080S	220E	4304735328	14338	Federal	GW	P	
EIHX 14MU-25-8-22	25	080S	220E	4304735330	14501	Federal	GW	P	
EIHX 11MU-25-8-22	25	080S	220E	4304735331	14470	Federal	GW	P	
NBE 12ML-10-9-23	10	090S	230E	4304735333	14260	Federal	GW	P	
NBE 13ML-17-9-23	17	090S	230E	4304735334	14000	Federal	GW	P	
NBE 4ML-26-9-23	26	090S	230E	4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11	080S	220E	4304735374	14635	Federal	GW	S	
SG 1MU-11-8-22	11	080S	220E	4304735375	14279	Federal	GW	P	
OU SG 13W-11-8-22	11	080S	220E	4304735377	14796	Federal	GW	OPS	C
SG 3MU-11-8-22	11	080S	220E	4304735379	14978	Federal	GW	P	
SG 8MU-11-8-22	11	080S	220E	4304735380	14616	Federal	GW	P	
SG 2MU-11-8-22	11	080S	220E	4304735381	14636	Federal	GW	P	
SG 10MU-11-8-22	11	080S	220E	4304735382	14979	Federal	GW	P	
SU 11MU-9-8-21	09	080S	210E	4304735412	14143	Federal	GW	P	
OU GB 8MU-10-8-22	10	080S	220E	4304735422	15321	Federal	GW	OPS	C
EIHX 2MU-25-8-22	25	080S	220E	4304735427	14666	Federal	GW	P	
EIHX 1MU-25-8-22	25	080S	220E	4304735428	14705	Federal	GW	P	
EIHX 7MU-25-8-22	25	080S	220E	4304735429	14682	Federal	GW	P	
EIHX 8MU-25-8-22	25	080S	220E	4304735430	14706	Federal	GW	P	
EIHX 9MU-25-8-22	25	080S	220E	4304735433	14558	Federal	GW	P	
EIHX 16MU-25-8-22	25	080S	220E	4304735434	14502	Federal	GW	P	
EIHX 15MU-25-8-22	25	080S	220E	4304735435	14571	Federal	GW	P	
EIHX 10MU-25-8-22	25	080S	220E	4304735436	14537	Federal	GW	P	
GB 3MU-3-8-22	03	080S	220E	4304735457	14575	Federal	GW	P	
NBE 15M-17-9-23	17	090S	230E	4304735463	14423	Federal	GW	P	
NBE 7ML-17-9-23	17	090S	230E	4304735464	14232	Federal	GW	P	
NBE 3ML-17-9-23	17	090S	230E	4304735465	14276	Federal	GW	P	
NBE 11M-17-9-23	17	090S	230E	4304735466	14431	Federal	GW	P	
NBE 10ML-10-9-23	10	090S	230E	4304735650	14377	Federal	GW	P	
NBE 6ML-10-9-23	10	090S	230E	4304735651	14422	Federal	GW	P	
NBE 12ML-17-9-23	17	090S	230E	4304735652	14278	Federal	GW	P	
NBE 6ML-26-9-23	26	090S	230E	4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23	26	090S	230E	4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	080S	220E	4304735829	14486	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	S	
RB DS FED 14G-8-10-18	08	100S	180E	4304735933	14433	Federal	OW	P	
OU SG 14MU-14-8-22	14	080S	220E	4304735950	14479	Federal	GW	P	
COY 12ML-24-8-24	24	080S	240E	4304736039	14592	Federal	OW	P	
WIH 1AMU-21-8-22	21	080S	220E	4304736060	14980	Federal	GW	P	
SU 8M-12-7-21	12	070S	210E	4304736096	16610	Federal	GW	OPS	C
NBE 4ML-10-9-23	10	090S	230E	4304736098	15732	Federal	GW	P	
NBE 8ML-10-9-23	10	090S	230E	4304736099	15733	Federal	GW	P	
NBE 16ML-10-9-23	10	090S	230E	4304736100	14728	Federal	GW	S	
SUBW 14M-7-7-22	07	070S	220E	4304736136	15734	Federal	GW	P	
NBE 8ML-12-9-23	12	090S	230E	4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28	080S	210E	4304736260	14981	Federal	GW	P	
NBE 5ML-10-9-23	10	090S	230E	4304736353	15227	Federal	GW	P	
NBE 7ML-10-9-23	10	090S	230E	4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10	090S	230E	4304736356	15393	Federal	GW	P	
EIHX 4MU-36-8-22	36	080S	220E	4304736444	14875	Federal	GW	P	
EIHX 3MU-36-8-22	36	080S	220E	4304736445	14860	Federal	GW	P	
EIHX 2MU-36-8-22	36	080S	220E	4304736446	14840	Federal	GW	S	
EIHX 1MU-36-8-22	36	080S	220E	4304736447	14861	Federal	GW	P	
NBE 7ML-26-9-23	26	090S	230E	4304736587	16008	Federal	GW	P	
NBE 8ML-26-9-23	26	090S	230E	4304736588	15689	Federal	GW	P	
NBE 1ML-26-9-23	26	090S	230E	4304736589	15880	Federal	GW	P	
NBE 2ML-26-9-23	26	090S	230E	4304736590	15898	Federal	GW	S	
NBE 3ML-26-9-23	26	090S	230E	4304736591	15906	Federal	GW	P	
NBE 5ML-26-9-23	26	090S	230E	4304736592	15839	Federal	GW	P	
NBE 9ML-10-9-23	10	090S	230E	4304736593	15438	Federal	GW	P	
NBE 11ML-10-9-23	10	090S	230E	4304736594	15228	Federal	GW	P	
NBE 15ML-10-9-23	10	090S	230E	4304736595	15439	Federal	GW	P	
NBE 2ML-17-9-23	17	090S	230E	4304736614	15126	Federal	GW	P	
NBE 4ML-17-9-23	17	090S	230E	4304736615	15177	Federal	GW	P	
NBE 6ML-17-9-23	17	090S	230E	4304736616	15127	Federal	GW	S	
NBE 10ML-17-9-23	17	090S	230E	4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23	17	090S	230E	4304736618	15088	Federal	GW	P	
NBE 9ML-26-9-23	26	090S	230E	4304736619	15322	Federal	GW	P	
NBE 10D-26-9-23	26	090S	230E	4304736620	15975	Federal	GW	S	
NBE 12ML-26-9-23	26	090S	230E	4304736621	15840	Federal	GW	P	
NBE 13ML-26-9-23	26	090S	230E	4304736622	15690	Federal	GW	P	
NBE 14ML-26-9-23	26	090S	230E	4304736623	15262	Federal	GW	P	
NBE 16ML-26-9-23	26	090S	230E	4304736624	15735	Federal	GW	P	
WF 1P-1-15-19	06	150S	200E	4304736781	14862	Indian	GW	P	
SG 3MU-23-8-22	14	080S	220E	4304736940	15100	Federal	GW	P	
NBE 5ML-17-9-23	17	090S	230E	4304736941	15101	Federal	GW	P	
TU 14-9-7-22	09	070S	220E	4304737345	16811	Federal	GW	OPS	C
WF 14C-29-15-19	29	150S	190E	4304737541	15178	Indian	GW	P	
NBE 2ML-10-9-23	10	090S	230E	4304737619	15860	Federal	GW	P	
GB 16ML-20-8-22	20	080S	220E	4304737664	15948	Federal	GW	P	
WVX 8ML-5-8-22	05	080S	220E	4304738140		Federal	GW	APD	C
WVX 6ML-5-8-22	05	080S	220E	4304738141		Federal	GW	APD	C
WVX 1MU-17-8-21	17	080S	210E	4304738156		Federal	GW	APD	C
GH 8-20-8-21	20	080S	210E	4304738157		Federal	GW	APD	C
WVX 4MU-17-8-21	17	080S	210E	4304738190		Federal	GW	APD	C

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WVX 16MU-18-8-21	18	080S	210E	4304738191		Federal	GW	APD	C
GH 7D-19-8-21	19	080S	210E	4304738267	16922	Federal	GW	P	
WF 8C-15-15-19	15	150S	190E	4304738405	17142	Indian	GW	OPS	C
WVX 1MU-18-8-21	18	080S	210E	4304738659		Federal	GW	APD	C
WVX 9MU-18-8-21	18	080S	210E	4304738660		Federal	GW	APD	C
GB 12SG-29-8-22	29	080S	220E	4304738766	16096	Federal	GW	S	
GB 10SG-30-8-22	30	080S	220E	4304738767	16143	Federal	GW	S	
FR 14P-20-14-20	20	140S	200E	4304739168	16179	Federal	GW	P	
SU 11M-8-7-22	08	070S	220E	4304739175		Federal	GW	APD	C
HB 2M-9-7-22	09	070S	220E	4304739176		Federal	GW	APD	C
SUMA 4M-20-7-22	20	070S	220E	4304739177		Federal	GW	APD	C
SU 16M-31-7-22	31	070S	220E	4304739178		Federal	GW	APD	C
FR 13P-20-14-20	20	140S	200E	4304739226	16719	Federal	GW	P	
SG 11BML-23-8-22	23	080S	220E	4304739230		Federal	GW	APD	C
SG 12DML-23-8-22	23	080S	220E	4304739231		Federal	GW	APD	C
GB 1CML-29-8-22	29	080S	220E	4304739232		Federal	GW	APD	C
NBE 8CD-10-9-23	10	090S	230E	4304739341	16513	Federal	GW	P	
NBE 15AD-10-9-23	10	090S	230E	4304739342		Federal	GW	APD	C
NBE 6DD-10-9-23	10	090S	230E	4304739343		Federal	GW	APD	C
NBE 6AD-10-9-23	10	090S	230E	4304739344		Federal	GW	APD	C
NBE 6BD-10-9-23	10	090S	230E	4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23	10	090S	230E	4304739346	16574	Federal	GW	P	
NBE 7BD-17-9-23	17	090S	230E	4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17	090S	230E	4304739348	16743	Federal	GW	P	
NBE 10CD-17-9-23	17	090S	230E	4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17	090S	230E	4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26	090S	230E	4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26	090S	230E	4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26	090S	230E	4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26	090S	230E	4304739354		Federal	GW	APD	C
NBE 12AD-26-9-23	26	090S	230E	4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26	090S	230E	4304739356		Federal	GW	APD	C
NBE 13AD-26-9-23	26	090S	230E	4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358		Federal	GW	APD	C
NBE 9CD-26-9-23	26	090S	230E	4304739359		Federal	GW	APD	C
FR 9P-20-14-20	20	140S	200E	4304739461	17025	Federal	GW	S	
FR 13P-17-14-20	17	140S	200E	4304739462		Federal	GW	APD	C
FR 9P-17-14-20	17	140S	200E	4304739463	16829	Federal	GW	P	
FR 10P-20-14-20	20	140S	200E	4304739465		Federal	GW	APD	C
FR 5P-17-14-20	17	140S	200E	4304739509		Federal	GW	APD	C
FR 15P-17-14-20	17	140S	200E	4304739510		Federal	GW	APD	C
FR 11P-20-14-20	20	140S	200E	4304739587		Federal	GW	APD	
FR 5P-20-14-20	20	140S	200E	4304739588		Federal	GW	APD	C
FR 9P-21-14-20	21	140S	200E	4304739589		Federal	GW	APD	C
FR 13P-21-14-20	21	140S	200E	4304739590		Federal	GW	APD	C
GB 7D-27-8-21	27	080S	210E	4304739661		Federal	GW	APD	C
GB 15D-27-8-21	27	080S	210E	4304739662	16830	Federal	GW	P	
WV 13D-23-8-21	23	080S	210E	4304739663	16813	Federal	GW	P	
WV 15D-23-8-21	23	080S	210E	4304739664	16924	Federal	GW	P	
FR 14P-17-14-20	17	140S	200E	4304739807		Federal	GW	APD	C
FR 12P-20-14-20	20	140S	200E	4304739808		Federal	GW	APD	C

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
FR 6P-20-14-20	20	140S	200E	4304739809	16925	Federal	GW	P	
FR 3P-21-14-20	21	140S	200E	4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	C
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	C
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3100

(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

Roger L. Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINES

See attached list



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

440 West 200 South, Suite 500

Salt Lake City, UT 84101-1345

<http://www.blm.gov/ut/st/en.html>



RECEIVED

APR 22 2016

DIV. OF OIL, GAS & MINING

IN REPLY REFER TO:

3180 / (UTU88205X)

UT-922000

APR 19 2016

Ms. Laura Rippentrop
QEP Energy Resources
1050 17th Street, Suite 800
Denver, Colorado 80265

Re: Automatic Contraction
Kilimanjaro Unit
Uintah County, Utah

Dear Ms. Rippentrop:

Your letter of April 6, 2016, describes the lands automatically eliminated effective March 23, 2016, from the Kilimanjaro Unit Area, located in Uintah County, Utah, pursuant to Section 2(e) of the unit agreement and requests our concurrence. The lands you have described contain 14,034.29 acres more or less, and constitute all legal subdivisions, no parts of which are included in the Wasatch-Mesaverde Participating Area. As a result of the automatic contraction, the unit is reduced to 40.00 acres.

The following Federal Leases are entirely eliminated from the unit area:

UTU011225B	UTU73443	UTU87358
UTU011226	UTU73684	UTU87359
UTU011226B	UTU74423	UTU88371
UTU0103144	UTU87580	
UTU075939*	UTU75102	
UTU0647**	UTU75243	
UTU70853	UTU76278	
UTU70854	UTU76507	
UTU70855	UTU76508	
UTU70856	UTU82201	

* Partially Committed – not eligible for two year extension

** Non-Committed – not eligible for two year extension

The following Federal Lease is partially eliminated from the unit area:

UTU71416

You have complied with the requirements of Section 2(e), provided you promptly notify all interested parties.

If you have any questions, please contact Judy Nordstrom of this office at (801) 539-4108.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger L. Bankert".

Roger L. Bankert
Chief, Branch of Minerals

cc: UDOGM
SITLA
ONRR w/Exhibit "B" (Attn: Jessica Bowlen)
BLM FOM - Vernal (UTG01) w/enclosure

Well removed from Kilimanjaro Unit effective 3/23/2016

Well Name	Sec	TWN	RNG	API	Status
FEDERAL 2-29-7-22	29	070S	220E	4304715423	PA
SU 1W-5-8-22	5	080S	220E	4304733985	P
SU 3W-5-8-22	5	080S	220E	4304733987	A
SU 7W-5-8-22	5	080S	220E	4304733988	P
SU 9W-5-8-22	5	080S	220E	4304733990	P
SU 13W-5-8-22	5	080S	220E	4304733994	TA
SU 15W-5-8-22	5	080S	220E	4304733996	P
SU PURDY 14M-30-7-22	30	070S	220E	4304734384	TA
SU 16W-5-8-22	5	080S	220E	4304734446	P
SU 2W-5-8-22	5	080S	220E	4304734455	P
SU 10W-5-8-22	5	080S	220E	4304734456	S
SU BW 6M-7-7-22	7	070S	220E	4304734837	P
SU 8M-12-7-21	12	070S	210E	4304736096	OPS
SUBW 14M-7-7-22	7	070S	220E	4304736136	P
TU 14-9-7-22	9	070S	220E	4304737345	OPS
SU 11M-8-7-22	8	070S	220E	4304739175	OPS
KJ 2-2-7-22	2	070S	220E	4304754055	APD